







# CITY OF SOMERVILLE

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With Mayor's Inaugural Address

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# INAUGURAL ADDRESS

DELIVERED BY

MAYOR JOHN M. WOODS

MONDAY, JANUARY 4, 1909.

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Gentlemen of the Board of Aldermen:—

As a city, we have abundant reasons for rendering devout thanks to Almighty God for all the blessings of the past, and the good hopes for the future. Pestilence has not come nigh our dwellings, nor dire disaster injured us in body or estate. Business depression, that made labor unemployed and incomes decrease, apparently has for a season departed, and we begin to see and hear the rising tide of returning prosperity. Verily, our lines have fallen in pleasant places, and we have a goodly heritage.

First, I desire to publicly thank Mayor Grimmons, and all the heads of departments and city officials, for their kindness and willingness to assist me in every way possible, and the city messenger for his thoughtful care and interest in my behalf.

The financial condition of the city, containing statements of the funded debt, value of public property, facts in relation to taxation, revenue, comparative tables, etc., which are a part of this address, I shall omit the reading of, as they will be printed, and every citizen can study and compare them at his convenience.

The time between the election and inauguration of a new mayor is too short to make but little more than a superficial investigation of the various departments of our city. I have carefully considered all the suggestions and recommendations sub-

mitted to me by the heads of departments. Many of them I should be glad to recommend for your consideration, but having in mind the high tax rate and that every dollar spent comes out of the pockets of the people, it does not seem wise to recommend anything that shall suggest any new, large expenditure of money; but rather that the strictest economy should be exercised, consistent with correct business principles—economy without parsimony, taking good care of what we have. A debt is never a blessing, and interest is a constant drain. Believing it wise that a larger reduction of the debt should be made each year, it seems to me the only safe way is to “cut our garment according to our cloth,” limiting our expenditures to our actual needs. I am aware that it is not the most pleasant thing for the head of a household, city, state, or nation to urge economy; but, nevertheless, it becomes, in many instances, absolutely necessary, for the solvency and security of all, that it not only be preached, but practiced.

#### **Highways.**

Our side streets are mostly in a fairly good condition, but the main thoroughfares, as a whole, are in a condition that is but little short of a disgrace to the city. I recommend that a comprehensive and systematic beginning be made to put them in first-class condition; side and short streets can, and must, as a rule, wait. In this connection I earnestly request all our business men and women and householders to see that no rubbish or litter is thrown into the street. In the language of old, if each one will build over against his own house, not only take pride in his or her store or dwelling, but in the street in front, it will not only be a pleasure to our own citizens to walk or ride in our own streets, but those from the outside will go through our city instead of around it, as many of them do now.

#### **Police Department.**

A large number of our citizens share with me in the belief that this department needs a thorough house-cleaning to bring it up to the proper standard of efficiency and discipline. I presume the department will compare in its personnel with others in the commonwealth, but that is not enough. What the department needs, and must have, is an efficient head, a man of experience, ability, and courage; one who will perform his own duty in letter and spirit, and see to it that every man under him

does the same. In no department of our city is it more necessary than in the police department that every man should be of the highest personal character. They are the men to whom we look to enforce the laws of the commonwealth and ordinances of the city, and to protect the lives and property of all the people.

#### **Fire Department.**

From all the information I am able to obtain, there does not appear to be that discipline that is necessary to render the best service to the city. I shall endeavor to make a careful investigation of the conditions existing, and remedy the defects, if any be found. I believe the city is well protected as far as engine houses and apparatus are concerned.

#### **City Engineer's Department.**

The city engineer has submitted to me a most complete report of the department under his charge, replete with valuable information, and containing many suggestions worthy of careful consideration, one of which appeals strongly to me—to increase the usefulness of the parks and playgrounds of the city, not only for the benefit of adults, but for the children. I am interested in the boys and girls of our city, that they may grow up strong and vigorous in body as well as in mind and character. There is an education in the soil that neither books nor schools can supply.

#### **Other Departments.**

The city clerk's and treasurer's offices appear to be in good condition and well managed, as do also the public buildings and water departments.

#### **Electric Lines and Lights Department.**

From what I have learned about this department, it needs a new head for the best interests of the city.

#### **Schools.**

In approaching this subject, I am aware that probably my views will not meet with general approval, especially from educators. They are the result not of experience in and with the schools, but rather with the product of the schools. It has long been my firm conviction that the schools are trying to do too



much, and quality is being sacrificed for quantity. Use, not ornament, it seems to me, should be the settled purpose. In the language of Spencer, "The function which education has to discharge is to prepare us for complete living." I shall, at the proper time, try to put my views in concrete form before the school board, and if they have any merit, hope for their adoption.

#### **Public Library.**

The public library, under the management of its skilled and able librarian, is fulfilling its mission in the highest and best sense.

#### **Poor Department.**

The poor department appears to be managed wisely and well.

#### **Assessors' Department.**

There is a feeling amongst some of our tax-payers that there are inequalities in the assessment of real estate, that some sections and some of the older properties are quite a per cent. above what they could be sold for under the most favorable conditions, or will yield a fair return on the investment. The tax bill is more important than the tax rate. The law says property should be assessed at a fair cash valuation; if some property is assessed five or ten per cent. more than it ought to be, an injustice is being done, and we are paying state, county, and metropolitan systems taxes on what we have not got. I would most respectfully ask the board of assessors to give this matter their careful and thoughtful attention, and also request our honorable senator and representatives in the legislature to give the closest scrutiny to all appropriation bills. The state tax is a large drain on our resources.

#### **Trees.**

Nothing adds more to the health, beauty, and comfort of our city than well-kept trees. Our soil is adapted to the growth of nearly all of the native New England hardwoods. It is time and money wasted to set out trees along our streets unless they are properly cared for. Young trees require moisture until they have taken root, and they and all trees should be pruned by those who know how to do it properly, so that they shall be symmetrical in shape and not injured. All tree pests should be well

looked after before the leafy season arrives. There are in our city many vacant lots and waste places, unsightly to the eye, doing no one any good, that ought to be utilized and beautified. I had hoped to have sufficient data from other cities that are doing something in this line to present some definite plan for your consideration, and I hope before spring opens to further investigate this matter, and find out what the city officially can do in this direction.

#### **Lowell Street Bridge.**

I confidently hope at an early date to be able to submit to your honorable board a solution of this matter that will be just and honorable to all parties at interest.

#### **No License.**

Our city has said in a most emphatic manner that intoxicating liquors shall not be sold. I shall enforce the law in letter and spirit, and I respectfully request that the closest scrutiny be given to every applicant for a license to transport liquor into the city.

#### **Veterans of the Civil War.**

I commend them to your favorable and generous consideration. None of them have long to stay here.

#### **Dedication of the Soldiers' Monument.**

It is confidently hoped that this will be completed and ready for dedication next Memorial day. On that day the veterans of the Civil war should have the post of honor. I earnestly hope the day, sacred to the dead and living heroes; the spot, hallowed by all the sublime and precious memories of the past; the monument, an object lesson of all that is patriotic in heroism and heroic in patriotism, will be made a notable event in our city's history, and I urge all the patriotic men and women in our city to join with me in making the dedication of this monument, to the men that made the nation whole, a dignified and impressive occasion.

#### **The Carnegie Library.**

This will be completed and ready for dedication in a few months. It should be dedicated in a manner befitting its high purpose and the noble impulse that prompted the gift.



### **Appropriation for Hospital.**

I recommend the appropriation of five thousand dollars for the Somerville hospital, for the care of our people who are unable to pay. I also heartily commend every agency in our city that is laboring for moral uplift and amelioration of want and suffering. Government means something more than levying and collecting of taxes, and expending them wisely, and enforcing the laws. In the language of the constitution of this commonwealth, it was instituted for the common good, for the protection, safety, prosperity, and happiness of the people.

### **Amendments to City Charter.**

At as early a date as possible I shall submit in writing to your honorable board for your consideration, and I trust approval, some proposed amendments to the city charter, but time will not permit, nor am I fully prepared now to give full and complete reasons for these changes, but will give in outline, in a general way, my views:—

First,—The present system, under the city charter, of purchasing supplies is loose and unbusinesslike, a temptation to petty graft, and renders it almost an impossibility for the mayor to have an oversight or knowledge of the expenditures of the city. In my judgment, there should be a competent man appointed by the mayor, and responsible to him, who should do all the purchasing for every department in the city, department heads making their requisitions upon the agent, and he submitting them to the mayor. The heads of departments could then give their entire time to the work of their departments. I believe this would result in more efficient service, and in saving money to the city.

Second,—I believe in placing the entire control and care of the streets under one competent head, who should be a civil engineer, he to appoint his subordinates, subject to the approval of the mayor. One head of a department suggests that he is not wholly responsible for the condition of things under his charge, on account of the doings of other departments. Putting the streets under one responsible head saves liability of friction and jealousy, and ought to result in improvement in the streets, and a saving to the city. Divided responsibility often results in little or none.

Third,—I believe the mayor should have the power of veto over the school committee that he has over the board of alder-

men. It seems an anomaly that the mayor can be trusted in other departments of the city, and cannot be trusted in the school department. I see no good reason why every department should not be a co-ordinate branch of the government, unless contrary to the city charter or the laws of the state.

I sincerely hope the changes I have suggested will not only meet your approval, but also of the honorable senator and representatives, the school committee, and our citizens generally, and that in petitioning the legislature for these changes I may have a solid city behind me.

### **Encouragement of Public Spirit.**

We are indeed fortunate in having such a large number of high-minded, public-spirited men and women in our city. Civic pride is not lacking; it only needs to be crystallized and solidified to become a more vital force for the betterment of the city. I heartily commend the Fourth of July Association and all others that have for their object the pleasure and amusement of our people. In like manner I give my most hearty endorsement to the Winter Hill Improvement Association. I hope to see its counterpart in every ward in the city, vying with each other in a friendly rivalry to see which shall do the most to make a brighter, better, cleaner, and more beautiful Somerville. I believe in good, clean, wholesome athletic sports, and that there are but few tax-payers who will object to a reasonable appropriation to make them possible. The more attractive this city is made, the more people will come to it, and more money will be spent in it.

### **Official Responsibility.**

The city charter says that the several administrative boards named in Title 6 shall at all times be accountable to the mayor for the proper discharge of their duties. I shall hold them to this responsibility. It is necessary that the head of every department over which the mayor has control and is responsible for should be men in whose ability and honesty he has the utmost confidence. The whole people hold me responsible to them, and I accept the responsibility. Every person paid by the city is paid to work, and not to shirk. I believe in personal and individual responsibility. I shall not be slow to praise and commend faithful service, nor to censure and condemn neglect and inefficiency. I ask the confidence and co-operation of every alderman, official, and citizen in all that shall be undertaken for

the benefit of the city, and I pledge you mine, that we may together work with an eye single to only the public good, to the end that our beloved city shall be dearer to all the people, and stand out bold and clear as the best ordered and best governed city in all the land.

The total funded debt of the city January 1, 1908, was \$1,508,000. This debt was increased during the year \$110,000. It was decreased \$151,500, leaving the net funded debt January 1, 1909, \$1,466,500, a net decrease of \$41,500.

The total amount of taxable property is \$63,158,400, of which \$56,292,500 is real estate, and \$6,865,900 is personal estate. At a rate of \$18.40 on each \$1,000 of valuation, the tax is \$1,162,114.56. There are 21,163 polls at \$2, making \$42,326. Amount assessed for street watering, \$30,619.90, and for the suppression of gypsy and brown-tail moths, \$788.74, on non-resident bank shares to be paid to the state, \$1,845.52, making a total tax levy of \$1,237,694.72. The total number of persons assessed, resident and non-resident, was 28,928.

Of the amount received in taxes, \$200,000 is required for the debt provisions; \$228,709.56 are state and county taxes, metropolitan district assessments, etc., matters over which the city has no control; \$395,000 is used for current expenses of departments, over which the board of aldermen has no control; \$338,405 is the amount for current expenses within control of the board of aldermen.

The same statement based upon the \$18.40 per thousand is as follows: Of each \$18.40, \$3.62 is for state, county, and metropolitan taxes, and overlay and abatement; \$3.17 for debt requirements; \$6.25 for current expenses over which the board of aldermen has no control; \$5.36 for current expenses within control of the board of aldermen.

In addition to the amount received from taxes, there was available last year the sum of \$223,199.57 on water income account; we received \$36,319.48 from corporation and bank taxes; from the clerk of the courts, \$3,628; from the county treasurer, for dog licenses, \$4,214.39; from the state, the street railway tax, \$40,400.47; from the Boston Elevated railway tax, \$9,010.15; and amount received on account of armory, \$6,109.30; a total of \$322,881.36, making the total amount available from these sources and from taxes, \$1,560,576.08.

Funded Debt.—The funded debt of the city January 1, 1908, was as follows:—

City Loan . . . . .	\$1,102,000 00
Sewer Loan . . . . .	290,000 00
Paving Loan . . . . .	25,000 00
Water Loan . . . . .	69,000 00
Metropolitan Park Assessment Loan .	22,000 00
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	\$1,508,000 00

The debt was increased during the year by appropriations made by the board of aldermen as follows:—

Electrical Department, Underground Construction . . . . .	\$3,000 00
Fire Department, Additional Apparatus .	3,500 00
Highways Construction . . . . .	28,000 00
Highways, Paved Gutters and Crossings	12,000 00
Highways, Shade Trees . . . . .	500 00
Public Buildings Construction, Building Public Buildings . . . . .	20,000 00
Sewers Construction . . . . .	30,000 00
Sidewalks Construction . . . . .	13,000 00
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	\$110,000 00

The debt was reduced during the year by maturities as follows:—

City Loan . . . . .	\$123,500 00
Sewer Loan . . . . .	15,000 00
Paving Loan . . . . .	5,000 00
Water Loan . . . . .	7,000 00
Metropolitan Park Assessment Loan .	1,000 00
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	\$151,500 00

Leaving the funded debt of the city January 1, 1909, \$1,466,500 (a decrease of \$41,500 from the previous year), classified as follows:—

City Loan bonds bearing interest at 3½ per cent. . . . .	\$279,000 00
City Loan bonds bearing interest at 4 per cent. . . . .	779,500 00
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Amount carried forward . . . . .	\$1,058,500 00



Amount brought forward . . . . .	\$1,053,500 00
City Loan Sewer bonds bearing interest at 3½ per cent. . . . .	69,000 00
City Loan Sewer bonds bearing interest at 4 per cent. . . . .	233,000 00
City Loan Sewer bonds bearing interest at 4½ per cent. . . . .	3,000 00
City Loan Paving bonds bearing interest at 4 per cent. . . . .	20,000 00
Water Loan bonds bearing interest at 4 per cent. . . . .	62,000 00
Metropolitan Park Assessment Loan bonds bearing interest at 3½ per cent. . . . .	21,000 00
Total Funded Debt January 1, 1909 . .	<u>\$1,466,500 00</u>

The foregoing amount represents the net indebtedness of the city, the unfunded liabilities for the temporary loans, etc., being equaled by its assets, which consist of uncollected taxes, sewer and sidewalk assessments, etc.

Taxes.—The assessors' warrant for the tax levy assessed upon the polls and estates of the inhabitants, as of May 1, 1908, was duly submitted to the collector.

The total amount of taxable property, not including non-resident bank shares, was \$63,158,400, and the rate established was \$18.40 on each \$1,000 valuation, as follows:—

Real estate, valuation . . . . .	\$56,292,500 00
Personal estate, valuation . . . . .	6,796,200 00
Resident bank shares . . . . .	69,700 00
Total valuation . . . . .	<u>\$63,158,400 00</u>
At a rate of \$18.40 on each \$1,000 valuation . . . . .	\$1,162,114 56
Non-resident bank shares, \$100,300 at \$18.40 . . . . .	1,845 52
Polls, 21,163 at \$2 . . . . .	42,326 00
Street watering . . . . .	30,619 90
Suppression of gypsy and brown-tail moths . . . . .	788 74
Total amount of tax levy . . . . .	<u>\$1,237,694 72</u>
Total number of persons assessed, resident and non-resident, 23,923.	

Appropriations.—The amount of revenue provided by the tax levy may properly be classified as follows:—

	Rates assessed on \$1,000 valuation.	Amount.
For current expenses within the control of the board of aldermen . . . . .	\$5 36	\$338,405 00
Current expenses of depart- ments over which the board of aldermen has no control . . . . .	6 25	395,000 00
Debt requirements . . . . .	3 17	200,000 00
State and county taxes, met- ropolitan sewer and park assessments, and Overlay account . . . . .	3 62	228,709 56
Total amount assessed on a valua- tion of \$63,158,400 at . . . . .	\$18 40	\$1,162,114 56
Non-resident bank shares . . . . .		1,845 52
Poll taxes assessed, credited to state and county . . . . .		42,326 00
Street watering . . . . .		30,619 90
Suppression of gypsy and brown-tail moth tax . . . . .		788 74
Total amount of tax levy . . . . .		\$1,237,694 72

The appropriations to the various accounts were as follows:—

ACCOUNTS WITHIN THE CONTROL OF THE BOARD OF ALDERMEN.

Assessors . . . . .	\$11,000 00
City Auditor . . . . .	725 00
City Clerk . . . . .	5,800 00
City Engineer . . . . .	11,500 00
City Messenger . . . . .	2,000 00
City Solicitor . . . . .	2,450 00
City Treasurer . . . . .	9,500 00
Clerk of Committees and Departments . . . . .	4,700 00
Election Expenses, City Clerk . . . . .	1,650 00
Election Expenses, Commissioner of Pub- lic Buildings . . . . .	900 00
Election Expenses, Pay of Election Officers . . . . .	2,600 00
Election Expenses, Registrars of Voters . . . . .	1,780 00
Amount carried forward . . . . .	\$54,605 00

Amount brought forward . . . .	\$54,605 00
Electrical Department . . . .	8,500 00
Executive Department . . . .	4,000 00
Fire Department . . . . .	38,000 00
Inspection of Buildings . . . .	5,200 00
Military Aid . . . . .	900 00
Police . . . . .	48,000 00
Printing and Stationery . . . .	1,000 00
Public Buildings Maintenance, City Buildings . . . . .	10,000 00
Public Buildings Maintenance, Fire De- partment . . . . .	5,000 00
Public Buildings Maintenance, Janitors' Salaries . . . . .	29,000 00
Public Buildings Maintenance, School- houses . . . . .	32,000 00
Public Grounds . . . . .	10,700 00
Sealer of Weights and Measures . .	1,500 00
Sidewalks Maintenance . . . .	2,000 00
Soldiers' Relief . . . . .	22,000 00
Somerville Hospital . . . . .	5,000 00
Street Lights . . . . .	57,000 00
Suppression of Gypsy and Brown-tail Moths . . . . .	4,000 00
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Total amount assessed on a valuation of \$63,158,400 at \$5.36 . . . .	\$338,405 00

ACCOUNTS OVER WHICH THE BOARD OF ALDERMEN HAS NO CONTROL.

Health Department . . . . .	\$8,000 00
Health Department, Collection of Ashes and Offal . . . . .	43,000 00
Health Department, Contagious Disease Hospital . . . . .	1,000 00
Health Department, Medical Inspection in Public Schools . . . . .	1,500 00
Public Library . . . . .	16,000 00
Public Library, West Somerville Branch .	1,000 00
School Contingent . . . . .	28,000 00
School Teachers' Salaries . . . .	280,000 00
Support of Poor, City Home . . . .	3,000 00
Support of Poor, Miscellaneous . . .	13,500 00
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Total amount assessed on a valuation of \$63,158,400 at \$6.25 . . . .	\$395,000 00

ACCOUNTS PROVIDING FOR DEBT REQUIREMENTS.

Interest . . . . .	\$70,000 00
Reduction of Funded Debt . . . .	130,000 00
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Total amount assessed on a valuation of \$63,158,400 at \$3.17 . . . .	\$200,000 00



## PROVIDING FOR STATE AND COUNTY TAXES, ETC.

State Tax . . . . .	\$96,470 00	
Deduct one-half of poll taxes,	21,163 00	
	<hr/>	\$75,307 00
County Tax . . . . .	\$60,830 68	
Deduct one-half of poll taxes,	21,163 00	
	<hr/>	39,667 68
Metropolitan Sewer Assessment . . . . .		59,602 25
Metropolitan Park Assessment . . . . .		30,853 80
Overlay and Abatement . . . . .		16,550 79
Armory Tax . . . . .		562 50
Wellington Bridge Tax . . . . .		6,165 54
		<hr/>
Total amount assessed on a valuation of \$63,158,400 at \$3.62 . . . . .		\$228,709 56
Collected for State on non-resident bank shares . . . . .		1,845 52
		<hr/>
		\$230,555 08

In addition to the above, the following appropriations were made from the various income accounts:—

## From the income of the water works:—

Water Maintenance . . . . .	\$30,000 00	
Less Unexpended Balance	1,012 13	
	<hr/>	\$28,987 87
Water Loan Interest . . . . .		2,720 00
Reduction of Funded Debt, Water Loan Bonds . . . . .		7,000 00
Metropolitan Water Assessment . . . . .		108,691 08
Water Works Extension . . . . .		15,000 00
Sewers Maintenance . . . . .		12,000 00
Fire Department . . . . .		38,000 00
Reduction of Funded Debt . . . . .		10,800 62
		<hr/>
		\$223,199 57

## From the income from the state and county:—

Police, the amount received from the state for corporation taxes . . . . .	\$32,307 83
Police, the amount received from the state for bank taxes . . . . .	4,011 65
Police, the amount received from the clerk of the courts for fines, costs, etc. . . . .	3,628 00
Public Library, the amount received from the county for dog licenses . . . . .	4,214 39
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Amount carried forward . . . . .	\$44,161 87

Amount brought forward . . . . .	\$14,161 87
Highways Maintenance, from street rail- way tax . . . . .	40,400 47
Highways Maintenance, from Boston Ele- vated Railway tax . . . . .	9,010 15
Reduction of Funded Debt, the amount received from the state on account of Armory . . . . .	6,109 30
Total . . . . .	<u>\$99,681 79</u>
Total from water income and from state and county . . . . .	<u>\$322,881 36</u>

The aggregate appropriations from tax levy and from in-  
come were as follows:—

From tax levy . . . . .	\$1,237,694 72
From income . . . . .	322,881 36
	<u>\$1,560,576 08</u>

The following tables, giving a condensed history of the city's finances, are herewith presented for reference:—

YEAR.	Amount of Funded Debt.	Increase of Funded Debt.	Reduction of Funded Debt.	Tax Rate per \$1,000 Valuation on Account of Reduc- tion of Funded Debt.
Town . . . . .	\$593,349			
Dec. 31, 1872 . . . .	643,354	\$50,005		
“ 1873 . . . .	809,354	166,000		
“ 1874 . . . .	1,419,854	610,500		
“ 1875 . . . .	1,571,854	152,000		
“ 1876 . . . .	1,606,854	45,000	*\$55,130 62	\$2 07
“ 1877 . . . .	1,606,854	10,000	*58,828 58	2 30
“ 1878 . . . .	1,596,854		61,004 64	2 91
“ 1879 . . . .	1,585,000		64,915 76	3 42
“ 1880 . . . .	1,585,000		55,739 35	2 72
“ 1881 . . . .	1,585,000		58,498 64	2 59
“ 1882 . . . .	1,585,000		61,390 59	2 65
“ 1883 . . . .	1,585,000		64,479 01	2 70
“ 1884 . . . .	1,585,000		67,719 33	2 78
“ 1885 . . . .	†1,525,000		71,305 66	2 87
“ 1886 . . . .	1,525,000		66,894 23	2 57
“ 1887 . . . .	1,525,000		70,252 88	2 56
“ 1888 . . . .	†860,500	25,000	37,000 00	1 28
“ 1889 . . . .	952,500	130,000	38,000 00	1 27
“ 1890 . . . .	1,057,500	150,000	45,000 00	1 38
“ 1891 . . . .	1,045,500	45,000	57,000 00	1 55
“ 1892 . . . .	1,194,500	253,000	104,000 00	2 73
“ 1893 . . . .	1,279,500	222,000	137,000 00	3 27
“ 1894 . . . .	1,344,500	172,000	107,000 00	2 42
“ 1895 . . . .	1,506,500	247,000	85,000 00	1 83
“ 1896 . . . .	1,531,000	177,000	152,500 00	3 11
“ 1897 . . . .	1,548,000	167,000	150,000 00	2 39
“ 1898 . . . .	1,552,000	176,000	172,000 00	3 99
“ 1899 . . . .	1,492,500	110,000	169,500 00	3 30
“ 1900 . . . .	1,478,000	152,000	166,500 00	3 17
“ 1901 . . . .	1,461,000	146,000	163,000 00	3 02
“ 1902 . . . .	1,477,000	175,000	159,000 00	2 86
“ 1903 . . . .	1,505,500	197,500	169,000 00	2 96
“ 1904 . . . .	1,498,500	132,500	139,500 00	2 40
“ 1905 . . . .	1,510,000	148,000	136,500 00	2 30
“ 1906 . . . .	1,464,500	100,000	145,500 00	2 41
“ 1907 . . . .	1,508,000	198,000	154,500 00	2 51
“ 1908 . . . .	1,466,500	110,000	151,500 00	2 06

\*\$10,000 applied to payment of bonds; balance to sinking funds.

†Sinking fund applied.

YEAR.	VALUATION.	TAX LEVY.	RATE.
1872 . . .	\$22,755,325 . . .	\$274,374 45 . . .	\$13 00
1873 . . .	29,643,100 . . .	389,214 48 . . .	12 80
1874 . . .	30,837,700 . . .	473,235 50 . . .	15 00
1875 . . .	31,317,000 . . .	518,161 40 . . .	16 20
1876 . . .	26,573,400 . . .	504,475 24 . . .	18 60
1877 . . .	25,479,400 . . .	471,789 14 . . .	18 10
1878 . . .	20,976,900 . . .	409,497 10 . . .	19 00
1879 . . .	18,950,100 . . .	352,553 80 . . .	18 00
1880 . . .	20,458,100 . . .	402,927 71 . . .	19 10
1881 . . .	22,569,100 . . .	452,945 45 . . .	19 50
1882 . . .	23,162,200 . . .	425,721 16 . . .	17 80
1883 . . .	23,812,900 . . .	411,645 43 . . .	16 70
1884 . . .	24,331,100 . . .	418,750 26 . . .	16 60
1885 . . .	24,878,400 . . .	428,605 44 . . .	16 60
1886 . . .	26,003,200 . . .	416,987 28 . . .	15 40
1887 . . .	27,471,800 . . .	424,309 14 . . .	14 80
1888 . . .	28,765,400 . . .	421,458 60 . . .	14 00
1889 . . .	30,004,600 . . .	440,324 40 . . .	14 00
1890 . . .	32,557,500 . . .	447,704 00 . . .	14 00
1891 . . .	36,843,400 . . .	539,137 10 . . .	14 00
1892 . . .	38,093,100 . . .	596,357 50 . . .	15 00
1893 . . .	41,873,600 . . .	675,886 80 . . .	15 50
1894 . . .	44,142,900 . . .	721,165 54 . . .	15 70
1895 . . .	46,506,300 . . .	745,609 02 . . .	15 40
1896 . . .	49,070,800 . . .	786,412 32 . . .	15 40
1897 . . .	50,231,000 . . .	913,574 42 . . .	17 30
1898 . . .	50,739,700 . . .	954,187 11 . . .	17 90
1899 . . .	51,262,400 . . .	882,580 96 . . .	16 30
1900 . . .	52,578,200 . . .	889,916 08 . . .	16 00
1901 . . .	53,924,200 . . .	907,439 82 . . .	15 90
1902 . . .	55,558,300 . . .	964,535 80 . . .	16 40
1903 . . .	57,062,000 . . .	1,038,849 84 . . .	17 20
1904 . . .	58,137,900 . . .	1,059,292 56 . . .	17 20
1905 . . .	59,233,000 . . .	1,144,000 14 . . .	18 30
1906 . . .	60,371,500 . . .	1,114,023 62 . . .	17 40
1907 . . .	61,627,200 . . .	1,144,434 92 . . .	17 40
1908 . . .	63,158,400 . . .	1,204,440 56 . . .	18 40

# REPORT OF THE CITY TREASURER AND COLLECTOR OF TAXES.

Treasurer's Office, February 11, 1909.

To the Honorable, the Mayor, and the Board of Aldermen of the  
City of Somerville:—

Gentlemen: The undersigned presents herewith the thirty-seventh annual report of the financial condition of the city, and a statement showing, in detail, the receipts and disbursements for the year ending December 31, 1908.

## Public Property.

The value of the public property of the city December 31, 1907, was \$5,231,735.34. The property acquired during the year was as follows:—

Fire Apparatus . . . . .	\$4,500 00
Addition to Benjamin G. Brown School . . . . .	10,011 30
Addition to Sanford Hanscom School . . . . .	8,259 95
Bath House, Mystic River . . . . .	2,368 21
Health Department Stable . . . . .	11,350 12
Incinerator . . . . .	81 99
Vault, City Hall . . . . .	775 10
Playground (gravel land near North street) . . . . .	1,500 00
Sewers, Construction . . . . .	15,534 36
Water Works Extension . . . . .	16,573 59
	<hr/>
	\$70,954 62
Less amount received for gravel, Waltham land . . . . .	606 88
	<hr/>
	\$70,347 74

Total public property December 31, 1908, \$5,302,083.08.

## Funded Debt.

\* The funded debt December 31, 1907, as per Table B of the last annual report, was \$1,508,000.

The debt was increased during the year by appropriations as follows:—

Electrical Department, Underground Construction . . . . .	\$3,000 00
Fire Department, Additional Apparatus . . . . .	3,500 00
Highways, Construction . . . . .	28,000 00
Highways, Paved Gutters and Crossings . . . . .	12,000 00
Highways, Shade Trees . . . . .	500 00
Public Buildings Construction, Building Public Buildings, . . . . .	20,000 00
Sewers, Construction . . . . .	30,000 00
Sidewalks, Construction . . . . .	13,000 00
	<hr/>

Total amount of appropriations on Funded Debt account . . . . .	\$110,000 00
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To provide for the above-mentioned appropriations, coupon bonds to the amount of \$110,000 at 4 per cent. were issued, viz.:—

City Loan Bonds Nos. 3646 to 3652, payable 1909 . . . . .	\$7,000 00
City Loan Bonds Nos. 3653 to 3659, payable 1910 . . . . .	7,000 00
City Loan Bonds Nos. 3660 to 3666, payable 1911 . . . . .	7,000 00
City Loan Bonds Nos. 3667 to 3673, payable 1912 . . . . .	7,000 00
City Loan Bonds Nos. 3674 to 3680, payable 1913 . . . . .	7,000 00
City Loan Bonds Nos. 3681 to 3687, payable 1914 . . . . .	7,000 00
City Loan Bonds Nos. 3688 to 3694, payable 1915 . . . . .	7,000 00
City Loan Bonds Nos. 3695 to 3701, payable 1916 . . . . .	7,000 00
City Loan Bonds Nos. 3702 to 3708, payable 1917 . . . . .	7,000 00
City Loan Bonds Nos. 3709 to 3715, payable 1918 . . . . .	7,000 00
City Loan Bond No. 3716, payable 1919 . . . . .	1,000 00
City Loan Bond No. 3717, payable 1920 . . . . .	1,000 00
City Loan Bond No. 3718, payable 1921 . . . . .	1,000 00
City Loan Bond No. 3719, payable 1922 . . . . .	1,000 00
City Loan Bond No. 3720, payable 1923 . . . . .	1,000 00
City Loan Bond No. 3721, payable 1924 . . . . .	1,000 00
City Loan Bond No. 3722, payable 1925 . . . . .	1,000 00
City Loan Bond No. 3723, payable 1926 . . . . .	1,000 00
City Loan Bond No. 3724, payable 1927 . . . . .	1,000 00
City Loan Bond No. 3725, payable 1928 . . . . .	1,000 00
Sewer Loan Bonds Nos. 439 to 468, payable 1909 to 1938 . . . . .	30,000 00

Total amount of bonds issued in 1908 . . . . .	\$110,000 00
\$12,000 of bonds were exchanged for registered bonds.	

The following bonds became due during the year:—

City Loan Bond No. Reg. 113, interest 3½ per cent. . . . .	\$9,000 00
City Loan Bond No. Reg. 14, interest 4 per cent. . . . .	2,000 00
City Loan Bonds Nos. 3510 to 3518, interest 4 per cent. . . . .	9,000 00
City Loan Bonds Nos. 1692 to 1694, 1696 to 1697, interest 4 per cent. . . . .	5,000 00
City Loan Bond No. Reg. 177, interest 4 per cent. . . . .	1,000 00
City Loan Bonds Nos. 1948 to 1962, interest 4 per cent. . . . .	15,000 00
City Loan Bonds Nos. 2156 to 2163, interest 4 per cent. . . . .	8,000 00
City Loan Bonds Nos. 2321 to 2325, interest 4 per cent. . . . .	5,000 00
City Loan Bonds Nos. 2457 to 2465, interest 4 per cent. . . . .	9,000 00
City Loan Bonds Nos. 2578 to 2584, interest 4 per cent. . . . .	7,000 00
City Loan Bonds Nos. 2706 to 2715, interest 3½ per cent. . . . .	10,000 00
City Loan Bonds Nos. 2826 to 2832, interest 3½ per cent. . . . .	7,000 00
City Loan Bonds Nos. 2943 to 2951, interest 3½ per cent. . . . .	9,000 00
City Loan Bonds Nos. 3056 to 3064, interest 4 per cent. . . . .	9,000 00
City Loan Bonds Nos. 3217 to 3224, interest 4 per cent. . . . .	8,000 00
City Loan Bond No. 3225, interest 4 per cent. . . . .	500 00
City Loan Bonds Nos. 3436 to 3443, interest 4 per cent. . . . .	8,000 00
City Loan Bonds Nos. 3158 to 3159, interest 4 per cent. . . . .	2,000 00
Sewer Loan Bond No. Reg. 131, interest 3½ per cent. . . . .	1,000 00
Sewer Loan Bond No. Reg. 18, interest 4 per cent. . . . .	2,000 00
Sewer Loan Bond No. 67, interest 4 per cent. . . . .	1,000 00
Sewer Loan Bond No. 184, interest 4 per cent. . . . .	1,000 00
Sewer Loan Bond No. 208, interest 4 per cent. . . . .	1,000 00
Sewer Loan Bond No. 230, interest 3½ per cent. . . . .	1,000 00
Sewer Loan Bond No. 259, interest 3½ per cent. . . . .	1,000 00
Sewer Loan Bond No. 283, interest 4 per cent. . . . .	1,000 00
Sewer Loan Bond No. 307, interest 4 per cent. . . . .	1,000 00

Amount carried forward . . . . .	\$133,500 00
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Amount brought forward . . . . .	\$133,500 00
Sewer Loan Bond No. 360, interest 4 per cent. . . . .	1,000 00
Sewer Loan Bond No. 50, interest 4½ per cent. . . . .	1,000 00
Sewer Loan Bonds Nos. 120 to 122, interest 4 per cent. . . . .	3,000 00
Paving Loan Bonds Nos. 76 to 80, interest 4 per cent. . . . .	5,000 00
Water Loan Bond No. 292, interest 4 per cent. . . . .	1,000 00
Water Loan Bond No. b459, interest 4 per cent. . . . .	1,000 00
Water Loan Bond No. Reg. 101, interest 4 per cent. . . . .	3,000 00
Water Loan Bonds Nos. 458 to 459, interest 4 per cent. . . . .	2,000 00
Metropolitan Park Assessment Loan Bond No. 6, interest 3½ per cent. . . . .	1,000 00
Total amount of bonds maturing in 1908 . . . . .	<u>\$151,500 00</u>

Leaving the net funded debt December 31, 1908, as per Table B, \$1,466,500, classified as follows:—

	Registered.	Coupon.
City Loan Bonds at 3½ per cent. . . . .	\$120,000 00	\$159,000 00
City Loan Bonds at 4 per cent. . . . .	73,000 00	706,500 00
Sewer Loan Bonds at 3½ per cent. . . . .	31,000 00	38,000 00
Sewer Loan Bonds at 4 per cent. . . . .	65,000 00	168,000 00
Sewer Loan Bonds at 4½ per cent. . . . .	1,000 00	2,000 00
Paving Loan Bonds at 4 per cent. . . . .		20,000 00
Water Loan Bonds at 4 per cent. . . . .	23,000 00	34,000 00
Metropolitan Park Assessment Loan Bonds at 3½ per cent. . . . .	4,000 00	17,000 00
	<u>\$322,000 00</u>	<u>\$1,144,500 00</u>

Registered Bonds . . . . .	\$322,000 00
Coupon Bonds . . . . .	1,144,500 00
	<u>\$1,466,500 00</u>
Total Funded Debt, City Loan . . . . .	\$1,058,500 00
Total Funded Debt, Water Loan . . . . .	62,000 00
Total Funded Debt, Paving Loan (outside legal limit) . . . . .	20,000 00
Total Funded Debt, Sewer Loan . . . . .	254,000 00
Total Funded Debt, Sewer Loan (outside legal limit) . . . . .	51,000 00
Total Funded Debt, Metropolitan Park As- sessment Loan (outside legal limit) . . . . .	21,000 00
	<u>\$1,466,500 00</u>

### Resources.

The assessors' warrant for the tax levy, assessed upon the polls and estates of the inhabitants, was duly received.

The total amount of taxable property was \$63,158,400, and the rate of taxation was \$18.40 on each \$1,000 of valuation, as follows:—

Real estate, valuation . . . . .	\$56,292,500 00
Personal estate, valuation . . . . .	6,865,900 00
Total valuation . . . . .	<u>\$63,158,400 00</u>



At a rate of \$18.40 on \$1,000 valuation . . . . .	\$1,162,114 56
Polls, 21,163 at \$2 . . . . .	42,326 00
Street watering . . . . .	30,619 90
Suppression of gypsy and brown-tail moths . . . . .	788 74
Non-resident bank shares to be paid to state . . . . .	1,845 52

Total amount of tax levy . . . . .	\$1,237,694 72
Borrowed on Funded Debt account, to provide for the cost of public improvements . . . . .	110,000 00
Water works income . . . . .	223,199 57
National bank taxes, applied to Police . . . . .	4,011 65
Corporation taxes, applied to Police . . . . .	32,307 83
Court fees, fines, etc., applied to Police . . . . .	3,628 00
County of Middlesex, dog licenses, applied to Public Library . . . . .	4,214 39
Street Railway tax for the year 1908, applied to Highways Maintenance . . . . .	40,400 47
Boston Elevated Railway tax for the year 1908, applied to Highways Maintenance . . . . .	9,010 15
Commonwealth of Massachusetts, on account of Armory . . . . .	6,109 30

Total amount of resources . . . . .	\$1,670,576 08
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### Appropriations from Funded Debt and from Income.

#### CREDIT BALANCES.

Electrical Department, Underground Construction . . . . .	\$3,171 87
Fire Department, Additional Apparatus . . . . .	59 55
Highways, Construction . . . . .	2,099 80
Highways, Maintenance . . . . .	5,613 98
Highways, Shade Trees . . . . .	33 38
Public Buildings Construction, Building Public Buildings, . . . . .	1,680 83
Public Library, Isaac Pitman Fund, Income, Art . . . . .	35 62
Public Library, Isaac Pitman Fund, Income, Poetry . . . . .	24 29
Sewers, Construction . . . . .	10,832 03
Sidewalks, Construction . . . . .	309 13
Soldiers' Monument . . . . .	11,418 47
	<hr/>
	\$35,278 95

#### Cash.

Balance on hand January 1, 1908 . . . . .	\$92,109 26
Total cash receipts for the year 1908 . . . . .	2,451,512 65
	<hr/>
	\$2,543,621 91
Total cash disbursements for the year 1908 . . . . .	2,488,512 67
	<hr/>
	\$55,109 24
Balance in the treasury December 31, 1908 . . . . .	
Deposits in banks . . . . .	\$53,174 85
Cash on hand . . . . .	1,934 39
	<hr/>
	\$55,109 24

#### Assets and Liabilities.

The assets of the city available for the payment of its unfunded liabilities are as follows:—

## Available assets:—

Commonwealth of Massachusetts . . . . .	\$18,038 00	
Grade Crossings . . . . .	32,879 52	
Highway Betterment Assessments uncol- lected . . . . .	7,179 21	
Health Department, Contagious Disease Hospital, accounts for collection . . . . .	1,956 43	
Metered Water Charges . . . . .	24,974 46	
Real Estate Liens . . . . .	2,293 76	
Sewer Assessments uncollected . . . . .	4,218 56	
Sidewalk Assessments uncollected . . . . .	7,987 16	
Taxes uncollected . . . . .	300,005 23	
Cash in treasury . . . . .	55,109 24	
	<hr/>	\$454,641 57

## Unfunded liabilities:—

Coupons . . . . .	\$16,725 00	
Reduction of Funded Debt . . . . .	4,000 00	
Overplus on Tax Sales . . . . .	118 13	
Sundry Persons . . . . .	699 65	
Temporary Loans . . . . .	375,000 00	
	<hr/>	\$396,542 78
		<hr/>
		\$58,098 79

## Balance Sheet.

## DEBIT.

Public Property . . . . .	\$5,302,083 08	
Excess of available assets . . . . .	58,098 79	
	<hr/>	\$5,360,181 87

## CREDIT.

Excess of appropriations from tax levy . . . . .	\$11,256 80	
Excess of appropriations from Funded Debt and from Income . . . . .	35,278 95	
Excess of appropriations from tax levy, Overlay and Abatement . . . . .	11,563 04	
Present Funded Debt . . . . .	1,466,500 00	
	<hr/>	\$1,524,598 79
Property and Debt Balance or Municipal Capital . . . . .	3,835,583 08	
	<hr/>	<u>\$5,360,181 87</u>

A detailed statement of the public property, funded debt, and the receipts and disbursements of the several accounts will be found in the following appendix.

Respectfully submitted,

JOSEPH S. PIKE,

Treasurer and Collector of Taxes.

## APPENDIX TO TREASURER AND COLLECTOR'S REPORT.

TABLE A.—PUBLIC PROPERTY DECEMBER 31, 1908.

Central Hill land (389,920 feet)		\$270,000 00
City Hall	\$35,332 32	
Furniture and fixtures	10,000 00	
Storage vault	2,342 91	
	<hr/>	47,675 23
Public Library building	42,000 00	
Public Library	25,000 00	
	<hr/>	67,000 00
City Hall Annex		20,655 02
Albion A. Perry Schoolhouse, Washington street, land (46,080 feet) and building	36,000 00	
Furniture	1,080 00	
Books	530 00	
	<hr/>	37,610 00
Bingham Schoolhouse, land (35,586 feet) and building	67,405 04	
Furniture	2,600 00	
Books	2,300 00	
	<hr/>	72,305 04
Burns Schoolhouse, land (16,080 feet) and building	33,300 00	
Furniture	1,460 00	
Books	1,000 00	
	<hr/>	35,760 00
Charles G. Pope Schoolhouse, land (27,236 feet) and building	83,600 00	
Furniture	2,160 00	
Books	2,600 00	
	<hr/>	88,360 00
Cummings Schoolhouse, land (11,300 feet) and building	11,200 00	
Furniture	720 00	
Books	500 00	
	<hr/>	12,420 00
Davis Schoolhouse, land (30,155 feet) and building	22,000 00	
Furniture	720 00	
Books	400 00	
	<hr/>	23,120 00
Edgerly Schoolhouse, land (24,000 feet) and building	43,800 00	
Furniture	2,230 00	
Books	2,800 00	
	<hr/>	48,830 00
Amount carried forward		<hr/> \$723,735 29

Amount brought forward . . . . .		\$723,735 29
English High Schoolhouse . . . . .	134,000 00	
Furniture . . . . .	3,900 00	
Philosophical and manual training ap- paratus . . . . .	8,200 00	
Books . . . . .	12,000 00	
	<hr/>	158,100 00
Forster Schoolhouse and Annex, land (30,632 feet) and buildings . . . . .	82,000 00	
Furniture . . . . .	3,290 00	
Books . . . . .	4,100 00	
	<hr/>	89,390 00
George L. Baxter Schoolhouse, land (11,000 feet) and building . . . . .	31,800 00	
Furniture . . . . .	1,155 64	
Books . . . . .	450 00	
	<hr/>	33,405 64
George O. Proctor Schoolhouse, building (on Armory lot) (40,244 feet) . . . . .	41,029 16	
Furniture . . . . .	1,791 30	
Books . . . . .	1,200 00	
	<hr/>	44,020 46
George W. Durell Schoolhouse, land (13,883 feet) and building . . . . .	19,000 00	
Furniture . . . . .	720 00	
Books . . . . .	500 00	
	<hr/>	20,220 00
Highland Schoolhouse, land (23,260 feet) and building . . . . .	58,000 00	
Furniture . . . . .	2,560 00	
Books . . . . .	2,800 00	
	<hr/>	63,360 00
Jacob T. Glines Schoolhouse, land (28,800 feet) and building . . . . .	78,200 00	
Furniture . . . . .	2,340 00	
Books . . . . .	2,100 00	
	<hr/>	82,640 00
Latin High Schoolhouse . . . . .	110,994 76	
Furniture . . . . .	2,700 00	
Philosophical apparatus . . . . .	500 00	
Books . . . . .	3,300 00	
	<hr/>	117,494 76
Lincoln Schoolhouse, land (17,662 feet) and building . . . . .	17,500 00	
Furniture . . . . .	720 00	
Books . . . . .	500 00	
	<hr/>	18,720 00
Luther V. Bell Schoolhouse, land (22,262 feet) and building . . . . .	46,496 63	
Furniture . . . . .	2,400 00	
Books . . . . .	2,400 00	
	<hr/>	51,296 63
Martin W. Carr Schoolhouse, land (20,450 feet) and building . . . . .	51,000 00	
Furniture . . . . .	2,800 00	
Books . . . . .	2,800 00	
	<hr/>	56,600 00
Amount carried forward . . . . .		\$1,458,982 78



Amount brought forward . . . . .		\$1,458,982 78
Morse Schoolhouse, land (29,000 feet) and building . . . . .	45,859 00	
Furniture . . . . .	2,340 00	
Books . . . . .	2,800 00	
		50,999 00
Martha Perry Lowe Schoolhouse, land (21,650 feet) and building . . . . .	50,346 16	
Furniture . . . . .	1,480 00	
Books . . . . .	800 00	
		52,626 16
O. S. Knapp Schoolhouse, land (24,517 feet) and building . . . . .	48,000 00	
Furniture . . . . .	2,540 00	
Books . . . . .	3,000 00	
		53,540 00
Prescott Schoolhouse, land (22,000 feet) and building . . . . .	64,000 00	
Furniture . . . . .	2,260 00	
Books . . . . .	2,700 00	
		68,960 00
Prospect-hill Schoolhouse, land (23,733 feet) and building . . . . .		15,000 00
Benjamin G. Brown Schoolhouse, land (20,093 feet) and building . . . . .	60,077 42	
Furniture . . . . .	1,290 16	
Books . . . . .	700 00	
		62,067 58
Sanford Hanscom Schoolhouse, land (12,756 feet) and building . . . . .	69,249 48	
Furniture . . . . .	1,080 00	
Books . . . . .	500 00	
		70,829 48
Clark W. Bennett Schoolhouse, land (16,250 feet) and building . . . . .	57,268 32	
Furniture . . . . .	2,180 00	
Books . . . . .	1,000 00	
		60,448 32
William H. Hodgkins Schoolhouse, land (35,034 feet) and building . . . . .	69,300 00	
Furniture . . . . .	2,400 00	
Books . . . . .	2,300 00	
		74,000 00
City Stables, dwelling houses and 462,623 feet of land . . . . .	95,350 12	
Health Department, shed . . . . .	1,189 79	
Incinerator . . . . .	2,704 01	
Equipments for highway repairs . . . . .	21,690 00	
Watering carts and sheds . . . . .	5,000 00	
		125,933 92
Water Works, land and buildings (93,500 feet) . . . . .		32,000 00
No. 1 Fire Station, land (8,937 feet) and building . . . . .	33,200 00	
Engine No. 2 and apparatus . . . . .	4,000 00	
Hose wagon No. 1 and apparatus . . . . .	1,500 00	
Furniture . . . . .	400 00	
		39,100 00
Amount carried forward . . . . .		\$2,164,487 24

Amount brought forward . . . . .		\$2,164,487 24
No. 2 Fire Station, land (5,500 feet) and building . . . . .	10,400 00	
Furniture . . . . .	400 00	
Hose wagon No. 2 and apparatus . . . . .	1,500 00	
	<hr/>	12,300 00
No. 3 Fire Station, land (13,700 feet) and building . . . . .	55,743 18	
Furniture . . . . .	400 00	
Hose wagon No. 3 and apparatus . . . . .	1,500 00	
Hook and ladder truck and apparatus . . . . .	3,400 00	
Engine No. 3 . . . . .	5,375 00	
Combination hose and chemical . . . . .	2,250 00	
	<hr/>	68,668 18
No. 4 Fire Station, land (9,100 feet) and building . . . . .	15,500 00	
Furniture . . . . .	400 00	
Engine No. 4 and apparatus . . . . .	4,000 00	
Combination wagon and apparatus . . . . .	2,500 00	
	<hr/>	22,400 00
No. 5 Fire Station, land (39,000 feet) and building . . . . .	16,500 00	
Furniture . . . . .	400 00	
Hose wagon No. 5 and apparatus . . . . .	1,500 00	
	<hr/>	18,400 00
No. 6 Fire Station, land (8,113 feet) and building . . . . .	17,600 00	
Furniture . . . . .	600 00	
Apparatus . . . . .	10,265 45	
Combination hose and chemical . . . . .	2,250 00	
	<hr/>	30,715 45
Hook and Ladder Station No. 2, land (9,903 feet) and building . . . . .	14,100 00	
Furniture . . . . .	1,200 00	
Apparatus . . . . .	7,500 00	
	<hr/>	22,800 00
Central Fire Station, land (11,738 feet) and building . . . . .	36,700 00	
Furniture . . . . .	500 00	
Engine No. 1 and apparatus . . . . .	4,000 00	
Hose wagon and apparatus . . . . .	2,000 00	
Two relief hose carriages . . . . .	1,000 00	
One relief hook and ladder . . . . .	400 00	
Chemical Engine A and equipment . . . . .	2,498 53	
	<hr/>	47,098 53
Fire Alarm and Police Signal apparatus . . . . .		36,610 00
Police Station, land (15,225 feet) and building . . . . .	54,000 00	
Furniture . . . . .	3,000 00	
	<hr/>	57,000 00
City Home, Broadway, land (421,646 feet) and buildings . . . . .	36,807 64	
Furniture . . . . .	1,426 09	
	<hr/>	38,233 73
Contagious Disease Hospital . . . . .	7,193 76	
Land (88,364 feet) . . . . .	15,600 00	
	<hr/>	22,793 76
Bath House . . . . .		2,368 21
Water Works . . . . .		902,654 40
Sewers . . . . .		1,220,879 16
Prospect street, land (7,918 feet) and building . . . . .		6,800 00
	<hr/>	
Amount carried forward . . . . .		\$4,674,208 66

Amount brought forward . . . . .	\$4,674,208 66
Broadway Park (cost \$212,993.20) (700,000 square feet) .	270,000 00
Nathan Tufts Park (about 4 54-100 acres, 217,572 feet) .	68,000 00
Lincoln Park, Washington street (288,764 square feet) . . . . .	63,200 00
Out-door Gymnasium . . . . .	800 00
	<hr/>
	64,000 00
Prospect-hill Park (94,503 feet) . . . . .	67,511 75
Historical Building and Observatory . . . . .	9,119 55
	<hr/>
	76,631 30
Franklin Park (40,000 feet) . . . . .	12,000 00
Powder-House Boulevard (200,618 square feet) and building . . . . .	22,500 00
Joy street, land (2,700 feet) . . . . .	500 00
Broadway, land (10,890 feet) . . . . .	2,300 00
College avenue, land (18,000 feet) . . . . .	6,000 00
Webster avenue, land (10,000 feet) . . . . .	2,500 00
Holland street, land (217,800 feet) . . . . .	35,500 00
Gravel land in Waltham (about 35 acres) . . . . .	14,393 12
Gravel land rear North street (199,043 feet) . . . . .	5,500 00
Clarendon Hill ledge . . . . .	8,500 00
Oliver street, land (40,500 feet) . . . . .	18,000 00
Beacon street, land (10,000 feet) . . . . .	2,800 00
Passageway on Putnam street (1,135 feet) . . . . .	400 00
Stand Pipe lot (17,176 feet) . . . . .	5,100 00
Glen street, land (6,370 feet) . . . . .	2,300 00
Somerville avenue, land (305 feet) . . . . .	300 00
Broadway, junction Main street, land (1,260 feet) . . . . .	900 00
Joy-street playground (20,000 feet) . . . . .	9,750 00
	<hr/>
Total amount of public property . . . . .	\$5,302,083 08



TABLE B.—FUNDED DEBT DECEMBER 31, 1908.

## City Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When Due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
April 1, 1905	Reg. 114	3½	Apr. 1, 1909	.....	.....	\$9,000
April 1, 1907	3,519 to 3,529	4	Apr. 1, 1909	\$1,000	\$11,000	.....
April 1, 1908	3,646 to 3,652	4	Apr. 1, 1909	1,000	7,000	.....
July 1, 1894	1,698 to 1,703	4	July 1, 1909	1,000	6,000	.....
July 1, 1895	1,963 to 1,976	4	July 1, 1909	1,000	14,000	.....
July 1, 1896	Reg. 171	4	July 1, 1909	....	.....	8,000
July 1, 1897	2,326 to 2,330	4	July 1, 1909	1,000	5,000	.....
July 1, 1898	2,466 to 2,470	4	July 1, 1909	1,000	5,000	.....
July 1, 1899	2,585 to 2,591	4	July 1, 1909	1,000	7,000	.....
July 2, 1900	2,716 to 2,725	3½	July 1, 1909	1,000	10,000	.....
July 1, 1901	2,833 to 2,839	3½	July 1, 1909	1,000	7,000	.....
July 1, 1902	Reg. 163	3½	July 1, 1909	.....	.....	9,000
July 1, 1903	3,065 to 3,073	4	July 1, 1909	1,000	9,000	.....
July 1, 1904	3,226 to 3,233	4	July 1, 1909	1,000	8,000	.....
July 1, 1904	3,234	4	July 1, 1909	500	500	.....
July 1, 1906	3,444 to 3,451	4	July 1, 1909	1,000	8,000	.....
Oct. 1, 1903	3,160 to 3,161	4	Oct. 1, 1909	1,000	2,000	.....
April 1, 1905	Reg. 115	3½	Apr. 1, 1910	.....	.....	9,000
April 1, 1907	3,530 to 3,540	4	Apr. 1, 1910	1,000	11,000	.....
April 1, 1908	3,653 to 3,659	4	Apr. 1, 1910	1,000	7,000	.....
July 1, 1894	1,704 to 1,709	4	July 1, 1910	1,000	6,000	.....
July 1, 1895	1,977 to 1,990	4	July 1, 1910	1,000	14,000	.....
July 1, 1896	2,172 to 2,176	4	July 1, 1910	1,000	5,000	.....
July 1, 1896	Reg. 172	4	July 1, 1910	.....	.....	3,000
July 1, 1897	2,331 to 2,335	4	July 1, 1910	1,000	5,000	.....
July 1, 1898	2,471 to 2,475	4	July 1, 1910	1,000	5,000	.....
July 1, 1899	2,592 to 2,595	4	July 1, 1910	1,000	4,000	.....
	Amounts	carried	forward . .	....	\$156,500	\$38,000

## CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$156,500	\$38,000
July 2, 1900	Reg. 180	4	July 1, 1910	.....	.....	2,000
July 2, 1900	2,726 to 2,731 2,734 to 2,735	3½	July 1, 1910	\$1,000	8,000	.....
July 1, 1901	2,840 to 2,846	3½	July 1, 1910	1,000	7,000	.....
July 1, 1902	Reg. 179	3½	July 1, 1910	.....	.....	8,000
July 1, 1902	Reg. 164	3½	July 1, 1910	.....	.....	1,000
July 1, 1903	3,074 to 3,082	4	July 1, 1910	1,000	9,000	.....
July 1, 1904	3,235 to 3,239	4	July 1, 1910	1,000	5,000	.....
July 1, 1904	3,240	4	July 1, 1910	500	500	.....
July 1, 1904	3,241 to 3,242	4	July 1, 1910	1,000	2,000	.....
July 1, 1904	3,243	4	July 1, 1910	500	500	.....
July 1, 1906	Reg. 7	4	July 1, 1910	.....	.....	8,000
Oct. 1, 1903	3,162 to 3,163	4	Oct. 1, 1910	1,000	2,000	.....
April 1, 1905	Reg. 116	3½	Apr. 1, 1911	.....	.....	9,000
April 1, 1907	Reg. 17	4	Apr. 1, 1911	.....	.....	6,000
April 1, 1907	3,547 to 3,551	4	Apr. 1, 1911	1,000	5,000	.....
April 1, 1908	3,660 to 3,666	4	Apr. 1, 1911	1,000	7,000	.....
July 1, 1894	1,710 to 1,715	4	July 1, 1911	1,000	6,000	.....
July 1, 1895	1,991 to 2,004	4	July 1, 1911	1,000	14,000	.....
July 1, 1896	2,180 to 2,187	4	July 1, 1911	1,000	8,000	.....
July 1, 1897	2,336 to 2,340	4	July 1, 1911	1,000	5,000	.....
July 1, 1898	2,476 to 2,480	4	July 1, 1911	1,000	5,000	.....
July 1, 1899	2,596 to 2,599	4	July 1, 1911	1,000	4,000	.....
July 2, 1900	2,736 to 2,740	3½	July 1, 1911	1,000	5,000	.....
July 1, 1901	2,847 to 2,853	3½	July 1, 1911	1,000	7,000	.....
July 1, 1902	2,974 to 2,975	3½	July 1, 1911	1,000	2,000	.....
July 1, 1902	Reg. 165	3½	July 1, 1911	.....	.....	7,000
July 1, 1903	3,083 to 3,091	4	July 1, 1911	1,000	9,000	.....
July 1, 1904	3,244 to 3,248	4	July 1, 1911	1,000	5,000	.....
	Amounts	carried	forward . .	.....	\$272,500	\$79,000

## CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought forward . .	.....		\$272,500	\$79,000
July 1, 1904	3,249	4	July 1, 1911	\$500	500	.....
July 1, 1904	3,250 to 3,251	4	July 1, 1911	1,000	2,000	.....
July 1, 1904	3,252	4	July 1, 1911	500	500	.....
July 1, 1906	3,460 to 3,464	4	July 1, 1911	1,000	5,000	.....
July 1, 1906	Reg. 13	4	July 1, 1911	.....	.....	3,000
Oct. 1, 1903	3,164 to 3,165	4	Oct. 1, 1911	1,000	2,000	.....
April 1, 1905	Reg. 117	3½	Apr. 1, 1912	.....	.....	9,000
April 1, 1907	Reg. 15	4	Apr. 1, 1912	.....	.....	2,000
April 1, 1907	3,554 to 3,562	4	Apr. 1, 1912	1,000	9,000	.....
April 1, 1908	3,667 to 3,673	4	Apr. 1, 1912	1,000	7,000	.....
July 1, 1894	1,716 to 1,721	4	July 1, 1912	1,000	6,000	.....
July 1, 1895	2,005 to 2,018	4	July 1, 1912	1,000	14,000	.....
July 1, 1896	2,188 to 2,194	4	July 1, 1912	1,000	7,000	.....
July 1, 1897	2,341 to 2,344	4	July 1, 1912	1,000	4,000	.....
July 1, 1898	2,481 to 2,485	4	July 1, 1912	1,000	5,000	.....
July 1, 1899	2,600 to 2,603	4	July 1, 1912	1,000	4,000	.....
July 2, 1900	2,741 to 2,745	3½	July 1, 1912	1,000	5,000	.....
July 1, 1901	2,854 to 2,857	3½	July 1, 1912	1,000	4,000	.....
July 1, 1902 {	2,979 to 2,980 2,983 to 2,987	{ 3½	July 1, 1912	1,000	7,000	.....
July 1, 1902	Reg. 166	3½	July 1, 1912	.....	.....	2,000
July 1, 1903	3,092 to 3,100	4	July 1, 1912	1,000	9,000	.....
July 1, 1904	3,253 to 3,257	4	July 1, 1912	1,000	5,000	.....
July 1, 1904	3,258	4	July 1, 1912	500	500	.....
July 1, 1904	3,259 to 3,260	4	July 1, 1912	1,000	2,000	.....
July 1, 1904	3,261	4	July 1, 1912	500	500	.....
July 1, 1906	Reg. 8	4	July 1, 1912	.....	.....	7,000
Oct. 1, 1903	3,166 to 3,167	4	Oct. 1, 1912	1,000	2,000	.....
April 1, 1905	Reg. 118	3½	Apr. 1, 1913	.....	.....	9,000
April 1, 1907	Reg. 48	4	Apr. 1, 1913	.....	.....	1,000
	Amounts	carried forward . .	.....		\$373,500	\$112,000

## CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$373,500	\$112,000
April 1, 1907	3,564 to 3,573	4	Apr. 1, 1913	\$1,000	10,000	.....
April 1, 1908	3,674 to 3,680	4	Apr. 1, 1913	1,000	7,000	.....
July 1, 1894	1,722 to 1,727	4	July 1, 1913	1,000	6,000	.....
July 1, 1895	2,019 to 2,031	4	July 1, 1913	1,000	13,000	.....
July 1, 1896	2,195 to 2,201	4	July 1, 1913	1,000	7,000	.....
July 1, 1897	2,345 to 2,348	4	July 1, 1913	1,000	4,000	.....
July 1, 1898	2,486 to 2,490	4	July 1, 1913	1,000	5,000	.....
July 1, 1899	2,604 to 2,607	4	July 1, 1913	1,000	4,000	.....
July 2, 1900	2,746 to 2,749	3½	July 1, 1913	1,000	4,000	.....
July 1, 1901	2,858 to 2,861	3½	July 1, 1913	1,000	4,000	.....
July 1, 1902	2,988 to 2,990	3½	July 1, 1913	1,000	3,000	.....
July 1, 1903	3,101 to 3,109	4	July 1, 1913	1,000	9,000	.....
July 1, 1904	3,262 to 3,266	4	July 1, 1913	1,000	5,000	.....
July 1, 1904	3,267	4	July 1, 1913	500	500	.....
July 1, 1904	3,268 to 3,269	4	July 1, 1913	1,000	2,000	.....
July 1, 1904	3,270	4	July 1, 1913	500	500	.....
July 1, 1906	Reg. 9	4	July 1, 1913	.....	.....	7,000
Oct. 1, 1903	3,168 to 3,169	4	Oct. 1, 1913	1,000	2,000	.....
April 1, 1905	Reg. 119	3½	Apr. 1, 1914	.....	.....	8,000
April 1, 1907	3,574 to 3,584	4	Apr. 1, 1914	1,000	11,000	.....
April 1, 1908	3,681 to 3,687	4	Apr. 1, 1914	1,000	7,000	.....
July 1, 1894	1,728 to 1,732	4	July 1, 1914	1,000	5,000	.....
July 1, 1894	Reg. 178	4	July 1, 1914	.....	.....	1,000
July 1, 1895	2,032 to 2,044	4	July 1, 1914	1,000	13,000	.....
July 1, 1896	2,202 to 2,206	4	July 1, 1914	1,000	5,000	.....
July 1, 1896	Reg. 173	4	July 1, 1914	.....	.....	2,000
July 1, 1897	2,349 to 2,352	4	July 1, 1914	1,000	4,000	.....
July 1, 1898	2,491 to 2,495	4	July 1, 1914	1,000	5,000	.....
July 1, 1899	2,608 to 2,611	4	July 1, 1914	1,000	4,000	.....
July 2, 1900	2,750 to 2,753	3½	July 1, 1914	1,000	4,000	.....
July 1, 1901	2,862 to 2,865	3½	July 1, 1914	1,000	4,000	.....
	Amounts	carried	forward . .	.....	\$521,500	\$130,000



## CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$521,500	\$130,000
July 1, 1902	2,991 to 2,993	3½	July 1, 1914	\$1,000	3,000	.....
July 1, 1903	3,110 to 3,113	4	July 1, 1914	1,000	4,000	.....
July 1, 1904	3,271 to 3,275	4	July 1, 1914	1,000	5,000	.....
July 1, 1904	3,276	4	July 1, 1914	500	500	.....
July 1, 1904	3,277 to 3,278	4	July 1, 1914	1,000	2,000	.....
July 1, 1904	3,279	4	July 1, 1914	500	500	.....
July 1, 1906	Reg. 10	4	July 1, 1914	.....	.....	7,000
Oct. 1, 1903	3,170 to 3,171	4	Oct. 1, 1914	1,000	2,000	.....
April 1, 1905	Reg. 120	3½	Apr. 1, 1915	.....	.....	8,000
April 1, 1907	3,585 to 3,595	4	Apr. 1, 1915	1,000	11,000	.....
April 1, 1908	3,688 to 3,694	4	Apr. 1, 1915	1,000	7,000	.....
July 1, 1895	2,045 to 2,057	4	July 1, 1915	1,000	13,000	.....
July 1, 1896	2,209 to 2,215	4	July 1, 1915	1,000	7,000	.....
July 1, 1897	2,353 to 2,356	4	July 1, 1915	1,000	4,000	.....
July 1, 1898	2,496 to 2,500	4	July 1, 1915	1,000	5,000	.....
July 1, 1899	2,612 to 2,614	4	July 1, 1915	1,000	3,000	.....
July 2, 1900	2,754 to 2,757	3½	July 1, 1915	1,000	4,000	.....
July 1, 1901	2,866 to 2,869	3½	July 1, 1915	1,000	4,000	.....
July 1, 1902	2,994 to 2,996	3½	July 1, 1915	1,000	3,000	.....
July 1, 1903	Reg. 175	4	July 1, 1915	.....	.....	4,000
July 1, 1904	3,280 to 3,281	4	July 1, 1915	1,000	2,000	.....
July 1, 1904	3,282	4	July 1, 1915	500	500	.....
July 1, 1906	Reg. 11	4	July 1, 1915	.....	.....	7,000
Oct. 1, 1903	3,172 to 3,173	4	Oct. 1, 1915	1,000	2,000	.....
April 1, 1905	Reg. 121	3½	Apr. 1, 1916	.....	.....	3,000
April 1, 1907	3,596 to 3,606	4	Apr. 1, 1916	1,000	11,000	.....
April 1, 1908	3,695 to 3,701	4	Apr. 1, 1916	1,000	7,000	.....
July 1, 1896	2,216 to 2,222	4	July 1, 1916	1,000	7,000	.....
July 1, 1897	2,357 to 2,360	4	July 1, 1916	1,000	4,000	.....
July 1, 1898	2,501 to 2,505	4	July 1, 1916	1,000	5,000	.....
July 1, 1899	2,615 to 2,617	4	July 1, 1916	1,000	3,000	.....
	Amounts	carried	forward . .	.....	\$641,000	\$159,000



## CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$641,000	\$159,000
July 2, 1900	2,758 to 2,761	3½	July 1, 1916	\$1,000	4,000	.....
July 1, 1901	2,870 to 2,873	3½	July 1, 1916	1,000	4,000	.....
July 1, 1902	2,997 to 2,999	3½	July 1, 1916	1,000	3,000	.....
July 1, 1903	3,118 to 3,121	4	July 1, 1916	1,000	4,000	.....
July 1, 1904	3,233 to 3,284	4	July 1, 1916	1,000	2,000	.....
July 1, 1904	3,285	4	July 1, 1916	500	500	.....
July 1, 1906	Reg. 12	4	July 1, 1916	.....	.....	7,000
Oct. 1, 1903	3,174 to 3,175	4	Oct. 1, 1916	1,000	2,000	.....
April 1, 1905	Reg. 122	3½	Apr. 1, 1917	.....	.....	3,000
April 1, 1907	3,607 to 3,617	4	Apr. 1, 1917	1,000	11,000	.....
April 1, 1908	3,702 to 3,708	4	Apr. 1, 1917	1,000	7,000	.....
July 1, 1897	2,361 to 2,364	4	July 1, 1917	1,000	4,000	.....
July 1, 1898	2,506 to 2,510	4	July 1, 1917	1,000	5,000	.....
July 1, 1899	2,618 to 2,620	4	July 1, 1917	1,000	3,000	.....
July 2, 1900	2,762 to 2,765	3½	July 1, 1917	1,000	4,000	.....
July 1, 1901	2,874 to 2,877	3½	July 1, 1917	1,000	4,000	.....
July 1, 1902	3,000 to 3,002	3½	July 1, 1917	1,000	3,000	.....
July 1, 1903	3,122 to 3,125	4	July 1, 1917	1,000	4,000	.....
July 1, 1904	3,286 to 3,287	4	July 1, 1917	1,000	2,000	.....
July 1, 1904	3,288	4	July 1, 1917	500	500	.....
July 1, 1906	3,503	4	July 1, 1917	1,000	1,000	.....
Oct. 1, 1903	3,176 to 3,177	4	Oct. 1, 1917	1,000	2,000	.....
April 1, 1905	Reg. 123	3½	Apr. 1, 1918	.....	.....	3,000
April 1, 1907	3,618 to 3,620	4	Apr. 1, 1918	1,000	3,000	.....
April 1, 1908	3,709 to 3,715	4	Apr. 1, 1918	1,000	7,000	.....
July 1, 1898	2,511 to 2,515	4	July 1, 1918	1,000	5,000	.....
July 1, 1899	2,621 to 2,623	4	July 1, 1918	1,000	3,000	.....
July 2, 1900	2,766 to 2,769	3½	July 1, 1918	1,000	4,000	.....
July 1, 1901	2,878 to 2,881	3½	July 1, 1918	1,000	4,000	.....
July 1, 1902	3,003 to 3,005	3½	July 1, 1918	1,000	3,000	.....
July 1, 1903	3,126 to 3,129	4	July 1, 1918	1,000	4,000	.....
July 1, 1904	3,289 to 3,290	4	July 1, 1918	1,000	2,000	.....
	Amounts	carried	forward . .	.....	\$746,000	\$172,000

## CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$746,000	\$172,000
July 1, 1904	3,291	4	July 1, 1918	\$500	500	.....
July 1, 1906	3,504	4	July 1, 1918	1,000	1,000	.....
Oct. 1, 1903	3,178 to 3,179	4	Oct. 1, 1918	1,000	2,000	.....
April 1, 1905	Reg. 124	3½	Apr. 1, 1919	.....	.....	3,000
April 1, 1907	3,621 to 3,623	4	Apr. 1, 1919	1,000	3,000	.....
April 1, 1908	3,716	4	Apr. 1, 1919	1,000	1,000	.....
July 1, 1899	2,624 to 2,625	4	July 1, 1919	1,000	2,000	.....
July 2, 1900	2,770 to 2,773	3½	July 1, 1919	1,000	4,000	.....
July 1, 1901	2,882 to 2,885	3½	July 1, 1919	1,000	4,000	.....
July 1, 1902	3,006 to 3,008	3½	July 1, 1919	1,000	3,000	.....
July 1, 1903	3,130 to 3,133	4	July 1, 1919	1,000	4,000	.....
July 1, 1904	3,292 to 3,293	4	July 1, 1919	1,000	2,000	.....
July 1, 1904	3,294	4	July 1, 1919	500	500	.....
July 1, 1906	3,505	4	July 1, 1919	1,000	1,000	.....
Oct. 1, 1903	3,180 to 3,181	4	Oct. 1, 1919	1,000	2,000	.....
April 1, 1905	Reg. 125	3½	Apr. 1, 1920	.....	.....	3,000
April 1, 1907	3,624 to 3,626	4	Apr. 1, 1920	1,000	3,000	.....
April 1, 1908	3,717	4	Apr. 1, 1920	1,000	1,000	.....
July 2, 1900	2,774 to 2,777	3½	July 1, 1920	1,000	4,000	.....
July 1, 1901	2,886 to 2,889	3½	July 1, 1920	1,000	4,000	.....
July 1, 1902	3,009 to 3,011	3½	July 1, 1920	1,000	3,000	.....
July 1, 1903	3,134 to 3,137	4	July 1, 1920	1,000	4,000	.....
July 1, 1904	3,295 to 3,296	4	July 1, 1920	1,000	2,000	.....
July 1, 1904	3,297	4	July 1, 1920	500	500	.....
July 1, 1906	3,506	4	July 1, 1920	1,000	1,000	.....
Oct. 1, 1903	3,182 to 3,183	4	Oct. 1, 1920	1,000	2,000	.....
April 1, 1905	Reg. 126	3½	Apr. 1, 1921	.....	.....	3,000
April 1, 1907	3,627 to 3,629	4	Apr. 1, 1921	1,000	3,000	.....
April 1, 1908	3,718	4	Apr. 1, 1921	1,000	1,000	.....
July 1, 1901	2,890 to 2,893	3½	July 1, 1921	1,000	4,000	.....
July 1, 1902	3,012 to 3,014	3½	July 1, 1921	1,000	3,000	.....
	Amounts	carried	forward . .	.....	\$811,500	\$181,000

## CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$811,500	\$181,000
July 1, 1903	3,138 to 3,141	4	July 1, 1921	\$1,000	4,000	.....
July 1, 1904	3,298 to 3,299	4	July 1, 1921	1,000	2,000	.....
July 1, 1904	3,300	4	July 1, 1921	500	500	.....
July 1, 1906	3,507	4	July 1, 1921	1,000	1,000	.....
Oct. 1, 1903	3,184 to 3,185	4	Oct. 1, 1921	1,000	2,000	.....
April 1, 1905	Reg. 127	3½	Apr. 1, 1922	.....	.....	3,000
April 1, 1907	3,630 to 3,632	4	Apr. 1, 1922	1,000	3,000	.....
April 1, 1908	3,719	4	Apr. 1, 1922	1,000	1,000	.....
July 1, 1902	3,015 to 3,016	3½	July 1, 1922	1,000	2,000	.....
July 1, 1903	3,142 to 3,145	4	July 1, 1922	1,000	4,000	.....
July 1, 1904	3,301 to 3,302	4	July 1, 1922	1,000	2,000	.....
July 1, 1904	3,303	4	July 1, 1922	500	500	.....
Oct. 1, 1903	3,186 to 3,187	4	Oct. 1, 1922	1,000	2,000	.....
April 1, 1905	Reg. 128	3½	Apr. 1, 1923	.....	.....	3,000
April 1, 1907	3,633 to 3,635	4	Apr. 1, 1923	1,000	3,000	.....
April 1, 1908	3,720	4	Apr. 1, 1923	1,000	1,000	.....
July 1, 1903	3,146 to 3,149	4	July 1, 1923	1,000	4,000	.....
July 1, 1904	3,304 to 3,305	4	July 1, 1923	1,000	2,000	.....
July 1, 1904	3,306	4	July 1, 1923	500	500	.....
Oct. 1, 1903	3,188 to 3,189	4	Oct. 1, 1923	1,000	2,000	.....
April 1, 1905	Reg. 129	3½	Apr. 1, 1924	.....	.....	3,000
April 1, 1907	3,636 to 3,638	4	Apr. 1, 1924	1,000	3,000	.....
April 1, 1908	3,721	4	Apr. 1, 1924	1,000	1,000	.....
July 1, 1904	3,307 to 3,308	4	July 1, 1924	1,000	2,000	.....
July 1, 1904	3,309	4	July 1, 1924	500	500	.....
April 1, 1905	Reg. 130	3½	Apr. 1, 1925	.....	.....	3,000
April 1, 1907	3,639 to 3,641	4	Apr. 1, 1925	1,000	3,000	.....
April 1, 1908	3,722	4	Apr. 1, 1925	1,000	1,000	.....
	Amounts	carried	forward..	.....	\$858,500	\$193,000

## CITY LOAN BONDS.—Concluded.

DATE.	Number of Bonds	Rate per. cent. of Interest.	When due.	Denomi- nation.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward	.....	\$858,500	\$193,000
April 1, 1907	3,642 to 3,643	4	Apr. 1, 1926	\$1,000	2,000	.....
April 1, 1908	3,723	4	Apr. 1, 1926	1,000	1,000	.....
April 1, 1907	3,644 to 3,645	4	Apr. 1, 1927	1,000	2,000	.....
April 1, 1908	3,724	4	Apr. 1, 1927	1,000	1,000	.....
April 1, 1908	3,725	4	Apr. 1, 1928	1,000	1,000	.....
					<u>\$865,500</u>	<u>\$193,000</u>

Coupon Bonds . . . \$865,500

Registered Bonds . . . 193,000

Total amount of City Loan Bonds . . . . . \$1,058,500



## Sewer Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
April 1, 1905	<b>Reg. 132</b>	3½	Apr. 1, 1909	.....	.....	\$1,000
April 1, 1907	Reg. 19	4	Apr. 1, 1909	.....	.....	2,000
April 1, 1908	439	4	Apr. 1, 1909	\$1,000	\$1,000	.....
July 1, 1894	68	4	July 1, 1909	1,000	1,000	.....
July 1, 1897	185	4	July 1, 1909	1,000	1,000	.....
July 1, 1898	209	4	July 1, 1909	1,000	1,000	.....
July 1, 1901	231	3½	July 1, 1909	1,000	1,000	.....
July 1, 1902	<b>Reg. 167</b>	3½	July 1, 1909	.....	.....	1,000
July 1, 1903	284	4	July 1, 1909	1,000	1,000	.....
July 1, 1904	308	4	July 1, 1909	1,000	1,000	.....
July 1, 1906	<b>361</b>	4	July 1, 1909	1,000	1,000	.....
Oct. 1, 1893	51	4½	Oct. 1, 1909	1,000	1,000	.....
April 1, 1905	<b>Reg. 133</b>	3½	Apr. 1, 1910	....	.....	1,000
April 1, 1907	Reg. 20	4	Apr. 1, 1910	.....	.....	2,000
April 1, 1908	440	4	Apr. 1, 1910	1,000	1,000	.....
July 1, 1894	69	4	July 1, 1910	1,000	1,000	.....
July 1, 1897	186	4	July 1, 1910	1,000	1,000	.....
July 1, 1898	210	4	July 1, 1910	1,000	1,000	.....
July 1, 1901	232	3½	July 1, 1910	1,000	1,000	.....
July 1, 1902	<b>Reg. 168</b>	3½	July 1, 1910	.....	.....	1,000
July 1, 1903	285	4	July 1, 1910	1,000	1,000	.....
July 1, 1904	309	4	July 1, 1910	1,000	1,000	.....
July 1, 1906	<b>Reg. 1</b>	4	July 1, 1910	.....	.....	1,000
Oct. 1, 1893	<b>Reg. 159</b>	4½	Oct. 1, 1910	.....	.....	1,000
April 1, 1905	<b>Reg. 134</b>	3½	Apr. 1, 1911	.....	.....	1,000
April 1, 1907	Reg. 21	4	Apr. 1, 1911	.....	.....	2,000
April 1, 1908	441	4	Apr. 1, 1911	1,000	1,000	.....
July 1, 1894	70	4	July 1, 1911	1,000	1,000	.....
July 1, 1897	187	4	July 1, 1911	1,000	1,000	.....
	Amounts	carried forward . .	.....		\$19,000	\$13,000

## SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$19,000	\$13,000
July 1, 1898	211	4	July 1, 1911	\$1,000	1,000	.....
July 1, 1901	233	3½	July 1, 1911	1,000	1,000	.....
July 1, 1902	Reg. 169	3½	July 1, 1911	.....	.....	1,000
July 1, 1903	286	4	July 1, 1911	1,000	1,000	.....
July 1, 1904	310	4	July 1, 1911	1,000	1,000	.....
July 1, 1906	363	4	July 1, 1911	1,000	1,000	.....
Oct. 1, 1893	53	4½	Oct. 1, 1911	1,000	1,000	.....
April 1, 1905	Reg. 135	3½	Apr. 1, 1912	.....	.....	1,000
April 1, 1907	Reg. 22	4	Apr. 1, 1912	.....	.....	2,000
April 1, 1908	442	4	Apr. 1, 1912	1,000	1,000	.....
July 1, 1894	71	4	July 1, 1912	1,000	1,000	.....
July 1, 1897	188	4	July 1, 1912	1,000	1,000	.....
July 1, 1898	212	4	July 1, 1912	1,000	1,000	.....
July 1, 1901	234	3½	July 1, 1912	1,000	1,000	.....
July 1, 1902	Reg. 170	3½	July 1, 1912	.....	.....	1,000
July 1, 1903	287	4	July 1, 1912	1,000	1,000	.....
July 1, 1904	311	4	July 1, 1912	1,000	1,000	.....
July 1, 1906	Reg. 2	4	July 1, 1912	.....	.....	1,000
April 1, 1905	Reg. 136	3½	Apr. 1, 1913	.....	.....	1,000
April 1, 1907	Reg. 23	4	Apr. 1, 1913	.....	.....	2,000
April 1, 1908	443	4	Apr. 1, 1913	1,000	1,000	.....
July 1, 1894	72	4	July 1, 1913	1,000	1,000	.....
July 1, 1897	189	4	July 1, 1913	1,000	1,000	.....
July 1, 1898	213	4	July 1, 1913	1,000	1,000	.....
July 1, 1901	235	3½	July 1, 1913	1,000	1,000	.....
July 1, 1902	264	3½	July 1, 1913	1,000	1,000	.....
July 1, 1903	288	4	July 1, 1913	1,000	1,000	.....
July 1, 1904	312	4	July 1, 1913	1,000	1,000	.....
	Amounts	carried	forward . .	.....	\$40,000	\$22,000

## SEWER LOAN BONDS.—Continued.

DATE	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	\$40,000	\$22,000
July 1, 1906	<b>Reg. 3</b>	4	July 1, 1913	.....	.....	1,000
April 1, 1905	<b>Reg. 137</b>	3½	Apr. 1, 1914	.....	.....	1,000
April 1, 1907	Reg. 24	4	Apr. 1, 1914	.....	.....	2,000
April 1, 1908	444	4	Apr. 1, 1914	\$1,000	1,000	.....
July 1, 1894	73	4	July 1, 1914	1,000	1,000	.....
July 1, 1897	190	4	July 1, 1914	1,000	1,000	.....
July 1, 1898	214	4	July 1, 1914	1,000	1,000	.....
July 1, 1901	236	3½	July 1, 1914	1,000	1,000	.....
July 1, 1902	265	3½	July 1, 1914	1,000	1,000	.....
July 1, 1903	289	4	July 1, 1914	1,000	1,000	.....
July 1, 1904	313	4	July 1, 1914	1,000	1,000	.....
July 1, 1906	<b>Reg. 4</b>	4	July 1, 1914	.....	.....	1,000
April 1, 1905	<b>Reg. 138</b>	3½	Apr. 1, 1915	.....	.....	1,000
April 1, 1907	Reg. 25	4	Apr. 1, 1915	.....	.....	2,000
April 1, 1908	445	4	Apr. 1, 1915	1,000	1,000	.....
July 1, 1897	191	4	July 1, 1915	1,000	1,000	.....
July 1, 1898	215	4	July 1, 1915	1,000	1,000	.....
July 1, 1901	237	3½	July 1, 1915	1,000	1,000	.....
July 1, 1902	266	3½	July 1, 1915	1,000	1,000	.....
July 1, 1903	<b>Reg. 174</b>	4	July 1, 1915	.....	.....	1,000
July 1, 1904	314	4	July 1, 1915	1,000	1,000	.....
July 1, 1906	<b>Reg. 5</b>	4	July 1, 1915	.....	.....	1,000
April 1, 1905	<b>Reg. 139</b>	3½	Apr. 1, 1916	.....	.....	1,000
April 1, 1907	Reg. 26	4	Apr. 1, 1916	.....	.....	2,000
April 1, 1908	446	4	Apr. 1, 1916	1,000	1,000	.....
July 1, 1897	192	4	July 1, 1916	1,000	1,000	.....
July 1, 1898	216	4	July 1, 1916	1,000	1,000	.....
July 1, 1901	238	3½	July 1, 1916	1,000	1,000	.....
July 1, 1902	267	3½	July 1, 1916	1,000	1,000	.....
	Amounts	carried	forward . .	. . .	\$59,000	\$35,000

## SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought forward . .	. . .		\$59,000	\$35,000
July 1, 1903	291	4	July 1, 1916	\$1,000	1,000	.....
July 1, 1904	315	4	July 1, 1916	1,000	1,000	.....
July 1, 1906	Reg. 6	4	July 1, 1916	.....	.....	1,000
April 1, 1905	Reg. 140	3½	Apr. 1, 1917	.....	.....	1,000
April 1, 1907	Reg. 27	4	Apr. 1, 1917	.....	.....	2,000
April 1, 1908	447	4	Apr. 1, 1917	1,000	1,000	.....
July 1, 1897	193	4	July 1, 1917	1,000	1,000	.....
July 1, 1898	217	4	July 1, 1917	1,000	1,000	.....
July 1, 1901	239	3½	July 1, 1917	1,000	1,000	.....
July 1, 1902	268	3½	July 1, 1917	1,000	1,000	.....
July 1, 1903	292	4	July 1, 1917	1,000	1,000	.....
July 1, 1904	316	4	July 1, 1917	1,000	1,000	.....
July 1, 1906	369	4	July 1, 1917	1,000	1,000	.....
April 1, 1905	Reg. 141	3½	Apr. 1, 1918	.....	.....	1,000
April 1, 1907	Reg. 28	4	Apr. 1, 1918	.....	.....	2,000
April 1, 1908	448	4	Apr. 1, 1918	1,000	1,000	.....
July 1, 1897	194	4	July 1, 1918	1,000	1,000	.....
July 1, 1898	218	4	July 1, 1918	1,000	1,000	.....
July 1, 1901	240	3½	July 1, 1918	1,000	1,000	.....
July 1, 1902	269	3½	July 1, 1918	1,000	1,000	.....
July 1, 1903	293	4	July 1, 1918	1,000	1,000	.....
July 1, 1904	317	4	July 1, 1918	1,000	1,000	.....
July 1, 1906	370	4	July 1, 1918	1,000	1,000	.....
April 1, 1905	Reg. 142	3½	Apr. 1, 1919	.....	.....	1,000
April 1, 1907	Reg. 29	4	Apr. 1, 1919	.....	.....	2,000
April 1, 1908	449	4	Apr. 1, 1919	1,000	1,000	.....
July 1, 1897	195	4	July 1, 1919	1,000	1,000	.....
July 1, 1898	219	4	July 1, 1919	1,000	1,000	.....
July 1, 1901	241	3½	July 1, 1919	1,000	1,000	.....
	Amounts	carried forward . .	. . .		\$81,000	\$45,000



## SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward .	. . .	\$81,000	\$45,000
July 1, 1902	270	3½	July 1, 1919	\$1,000	1,000	.....
July 1, 1903	294	4	July 1, 1919	1,000	1,000	.....
July 1, 1904	318	4	July 1, 1919	1,000	1,000	.....
July 1, 1906	371	4	July 1, 1919	1,000	1,000	.....
April 1, 1905	Reg. 143	3½	Apr. 1, 1920	.....	.....	1,000
April 1, 1907	Reg. 30	4	Apr. 1, 1920	.....	.....	2,000
April 1, 1908	450	4	Apr. 1, 1920	1,000	1,000	.....
July 1, 1897	196	4	July 1, 1920	1,000	1,000	.....
July 1, 1898	220	4	July 1, 1920	1,000	1,000	.....
July 1, 1901	242	3½	July 1, 1920	1,000	1,000	.....
July 1, 1902	271	3½	July 1, 1920	1,000	1,000	.....
July 1, 1903	295	4	July 1, 1920	1,000	1,000	.....
July 1, 1904	319	4	July 1, 1920	1,000	1,000	.....
July 1, 1906	372	4	July 1, 1920	1,000	1,000	.....
April 1, 1905	Reg. 144	3½	Apr. 1, 1921	.....	.....	1,000
April 1, 1907	Reg. 31	4	Apr. 1, 1921	.....	.....	2,000
April 1, 1908	451	4	Apr. 1, 1921	1,000	1,000	.....
July 1, 1897	197	4	July 1, 1921	1,000	1,000	.....
July 1, 1898	221	4	July 1, 1921	1,000	1,000	.....
July 1, 1901	243	3½	July 1, 1921	1,000	1,000	.....
July 1, 1902	272	3½	July 1, 1921	1,000	1,000	.....
July 1, 1903	296	4	July 1, 1921	1,000	1,000	.....
July 1, 1904	320	4	July 1, 1921	1,000	1,000	.....
July 1, 1906	373	4	July 1, 1921	1,000	1,000	.....
April 1, 1905	Reg. 145	3½	Apr. 1, 1922	.....	.....	1,000
April 1, 1907	Reg. 32	4	Apr. 1, 1922	.....	.....	2,000
April 1, 1908	452	4	Apr. 1, 1922	1,000	1,000	.....
July 1, 1897	198	4	July 1, 1922	1,000	1,000	.....
July 1, 1898	222	4	July 1, 1922	1,000	1,000	.....
	Amounts	carried	forward .	. . .	\$104,000	\$54,000

## SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	• Amounts	brought	forward .	. . .	\$104,000	\$54,000
July 1, 1901	244	3½	July 1, 1922	\$1,000	1,000	.....
July 1, 1902	273	3½	July 1, 1922	1,000	1,000	.....
July 1, 1903	297	4	July 1, 1922	1,000	1,000	.....
July 1, 1904	321	4	July 1, 1922	1,000	1,000	.....
July 1, 1906	374	4	July 1, 1922	1,000	1,000	.....
April 1, 1905	Reg. 146	3½	Apr. 1, 1923	.....	.....	1,000
April 1, 1907	Reg. 33	4	Apr. 1, 1923	.....	.....	2,000
April 1, 1908	453	4	Apr. 1, 1923	1,000	1,000	.....
July 1, 1898	223	4	July 1, 1923	1,000	1,000	.....
July 1, 1901	245	3½	July 1, 1923	1,000	1,000	.....
July 1, 1902	274	3½	July 1, 1923	1,000	1,000	.....
July 1, 1903	298	4	July 1, 1923	1,000	1,000	.....
July 1, 1904	322	4	July 1, 1923	1,000	1,000	.....
July 1, 1906	375	4	July 1, 1923	1,000	1,000	.....
April 1, 1905	Reg. 147	3½	Apr. 1, 1924	.....	.....	1,000
April 1, 1907	Reg. 34	4	Apr. 1, 1924	.....	.....	2,000
April 1, 1908	454	4	Apr. 1, 1924	1,000	1,000	.....
July 1, 1901	246	3½	July 1, 1924	1,000	1,000	.....
July 1, 1902	275	3½	July 1, 1924	1,000	1,000	.....
July 1, 1903	299	4	July 1, 1924	1,000	1,000	.....
July 1, 1904	323	4	July 1, 1924	1,000	1,000	.....
July 1, 1906	376	4	July 1, 1924	1,000	1,000	.....
April 1, 1905	Reg. 148	3½	Apr. 1, 1925	.....	.....	1,000
April 1, 1907	Reg. 35	4	Apr. 1, 1925	.....	.....	2,000
April 1, 1908	455	4	Apr. 1, 1925	1,000	1,000	.....
July 1, 1901	247	3½	July 1, 1925	1,000	1,000	.....
July 1, 1902	276	3½	July 1, 1925	1,000	1,000	.....
July 1, 1903	300	4	July 1, 1925	1,000	1,000	.....
July 1, 1904	324	4	July 1, 1925	1,000	1,000	.....
	Amounts	carried	forward .	. . .	\$127,000	\$63,000

## SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought forward . .			\$127,000	\$63,000
July 1, 1906	377	4	July 1, 1925	\$1,000	1,000	.....
April 1, 1905	Reg. 149	3½	Apr. 1, 1926	.....	.....	1,000
April 1, 1907	Reg. 36	4	Apr. 1, 1926	.....	.....	2,000
April 1, 1908	456	4	Apr. 1, 1926	1,000	1,000	.....
July 1, 1901	248	3½	July 1, 1926	1,000	1,000	.....
July 1, 1902	277	3½	July 1, 1926	1,000	1,000	.....
July 1, 1903	301	4	July 1, 1926	1,000	1,000	.....
July 1, 1904	325	4	July 1, 1926	1,000	1,000	.....
July 1, 1906	378	4	July 1, 1926	1,000	1,000	.....
April 1, 1905	Reg. 150	3½	Apr. 1, 1927	.....	.....	1,000
April 1, 1907	Reg. 37	4	Apr. 1, 1927	.....	.....	2,000
April 1, 1908	457	4	Apr. 1, 1927	1,000	1,000	.....
July 1, 1901	249	3½	July 1, 1927	1,000	1,000	.....
July 1, 1902	278	3½	July 1, 1927	1,000	1,000	.....
July 1, 1903	302	4	July 1, 1927	1,000	1,000	.....
July 1, 1904	326	4	July 1, 1927	1,000	1,000	.....
April 1, 1905	Reg. 151	3½	Apr. 1, 1928	.....	.....	1,000
April 1, 1907	Reg. 38	4	Apr. 1, 1928	.....	.....	2,000
April 1, 1908	458	4	Apr. 1, 1928	1,000	1,000	.....
July 1, 1901	250	3½	July 1, 1928	1,000	1,000	.....
July 1, 1903	303	4	July 1, 1928	1,000	1,000	.....
July 1, 1904	327	4	July 1, 1928	1,000	1,000	.....
April 1, 1905	Reg. 152	3½	Apr. 1, 1929	.....	.....	1,000
April 1, 1907	Reg. 39	4	Apr. 1, 1929	.....	.....	2,000
April 1, 1908	459	4	Apr. 1, 1929	1,000	1,000	.....
July 1, 1901	251	3½	July 1, 1929	1,000	1,000	.....
July 1, 1904	328	4	July 1, 1929	1,000	1,000	.....
April 1, 1905	Reg. 153	3½	Apr. 1, 1930	.....	.....	1,000
April 1, 1907	Reg. 40	4	Apr. 1, 1930	.....	.....	2,000
	Amounts	carried forward . .			\$146,000	\$78,000

## SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	\$146,000	\$78,000
April 1, 1908	460	4	Apr. 1, 1930	\$1,000	1,000	.....
July 1, 1901	252	3½	July 1, 1930	1,000	1,000	.....
April 1, 1905	Reg. 154	3½	Apr. 1, 1931	.....	.....	1,000
April 1, 1907	Reg. 41	4	Apr. 1, 1931	.....	.....	2,000
April 1, 1908	461	4	Apr. 1, 1931	1,000	1,000	.....
July 1, 1901	253	3½	July 1, 1931	1,000	1,000	.....
April 1, 1905	Reg. 155	3½	Apr. 1, 1932	.....	.....	1,000
April 1, 1907	Reg. 42	4	Apr. 1, 1932	.....	.....	2,000
April 1, 1908	462	4	Apr. 1, 1932	1,000	1,000	.....
April 1, 1905	Reg. 156	3½	Apr. 1, 1933	.....	.....	1,000
April 1, 1907	Reg. 43	4	Apr. 1, 1933	.....	.....	2,000
April 1, 1908	463	4	Apr. 1, 1933	1,000	1,000	.....
April 1, 1905	Reg. 157	3½	Apr. 1, 1934	.....	.....	1,000
April 1, 1907	Reg. 44	4	Apr. 1, 1934	.....	.....	2,000
April 1, 1908	464	4	Apr. 1, 1934	1,000	1,000	.....
April 1, 1905	Reg. 158	3½	Apr. 1, 1935	.....	.....	1,000
April 1, 1907	Reg. 45	4	Apr. 1, 1935	.....	.....	2,000
April 1, 1908	465	4	Apr. 1, 1935	1,000	1,000	.....
April 1, 1907	Reg. 46	4	Apr. 1, 1936	.....	.....	2,000
April 1, 1908	466	4	Apr. 1, 1936	1,000	1,000	.....
April 1, 1907	Reg. 47	4	Apr. 1, 1937	.....	.....	2,000
April 1, 1908	467	4	Apr. 1, 1937	1,000	1,000	.....
April 1, 1908	468	4	Apr. 1, 1938	1,000	1,000	.....
					\$157,000	\$97,000

Coupon Bonds . . . \$157,000

Registered Bonds . . . 97,000

Total amount of Sewer Loan Bonds under debt limit, \$254,000



## SEWER LOAN BONDS.—Concluded.

ISSUED UNDER AUTHORITY OF CHAPTER 357, ACTS OF 1895, BEYOND THE LIMIT  
FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
July 1, 1895	123 to 125	4	July 1, 1909	\$1,000	\$3,000
July 1, 1895	126 to 128	4	July 1, 1910	1,000	3,000
July 1, 1895	129 to 131	4	July 1, 1911	1,000	3,000
July 1, 1895	132 to 134	4	July 1, 1912	1,000	3,000
July 1, 1895	135 to 137	4	July 1, 1913	1,000	3,000
July 1, 1895	138 to 140	4	July 1, 1914	1,000	3,000
July 1, 1895	141 to 143	4	July 1, 1915	1,000	3,000
July 1, 1895	144 to 146	4	July 1, 1916	1,000	3,000
July 1, 1895	147 to 149	4	July 1, 1917	1,000	3,000
July 1, 1895	150 to 152	4	July 1, 1918	1,000	3,000
July 1, 1895	153 to 155	4	July 1, 1919	1,000	3,000
July 1, 1895	156 to 158	4	July 1, 1920	1,000	3,000
July 1, 1895	159 to 161	4	July 1, 1921	1,000	3,000
July 1, 1895	162 to 164	4	July 1, 1922	1,000	3,000
July 1, 1895	165 to 167	4	July 1, 1923	1,000	3,000
July 1, 1895	168 to 170	4	July 1, 1924	1,000	3,000
July 1, 1895	171 to 173	4	July 1, 1925	1,000	3,000
Total amount	of Sewer Loan	Bonds	under above	Act . .	\$51,000

**City Loan Paving Bonds.**

ISSUED UNDER AUTHORITY OF CHAPTER 153, ACTS OF 1892, BEYOND  
THE LIMIT FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomi- nation.	Amount.
October 1, 1892	81 to 85	4	Oct. 1, 1909	\$1,000	\$5,000
October 1, 1892	86 to 90	4	Oct. 1, 1910	1,000	5,000
October 1, 1892	91 to 95	4	Oct. 1, 1911	1,000	5,000
October 1, 1892	96 to 100	4	Oct. 1, 1912	1,000	5,000
	Total amount of	Paving	Bonds . .		\$20,000

## Water Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
July 1, 1888	293	4	July 1, 1909	\$1,000	\$1,000	.....
Oct. 1, 1889	<b>Reg. 102</b>	4	Oct. 1, 1909	.....	.....	\$3,000
Oct. 1, 1890	423 to 424	4	Oct. 1, 1909	1,000	2,000	.....
July 1, 1888	294	4	July 1, 1910	1,000	1,000	.....
Oct. 1, 1889	Reg. 103	4	Oct. 1, 1910	.....	.....	3,000
Oct. 1, 1890	426 to 427	4	Oct. 1, 1910	1,000	2,000	.....
July 1, 1888	295	4	July 1, 1911	1,000	1,000	.....
Oct. 1, 1889	<b>Reg. 104</b>	4	Oct. 1, 1911	.....	.....	3,000
Oct. 1, 1890	428 to 429	4	Oct. 1, 1911	1,000	2,000	.....
July 1, 1888	296	4	July 1, 1912	1,000	1,000	.....
Oct. 1, 1889	<b>Reg. 105</b>	4	Oct. 1, 1912	.....	.....	3,000
Oct. 1, 1890	430 to 431	4	Oct. 1, 1912	1,000	2,000	.....
July 1, 1888	297	4	July 1, 1913	1,000	1,000	.....
Oct. 1, 1889	<b>Reg. 106</b>	4	Oct. 1, 1913	.....	.....	3,000
Oct. 1, 1890	432 to 433	4	Oct. 1, 1913	1,000	2,000	.....
July 1, 1888	298	4	July 1, 1914	1,000	1,000	.....
Oct. 1, 1889	<b>Reg. 107</b>	4	Oct. 1, 1914	.....	.....	3,000
Oct. 1, 1890	434 to 435	4	Oct. 1, 1914	1,000	2,000	.....
July 1, 1888	299	4	July 1, 1915	1,000	1,000	.....
Oct. 1, 1889	<b>Reg. 108</b>	4	Oct. 1, 1915	.....	.....	2,000
Oct. 1, 1890	436 to 437	4	Oct. 1, 1915	1,000	2,000	.....
July 1, 1888	300	4	July 1, 1916	1,000	1,000	.....
Oct. 1, 1889	<b>Reg. 109</b>	4	Oct. 1, 1916	.....	.....	2,000
Oct. 1, 1890	438 to 439	4	Oct. 1, 1916	1,000	2,000	.....
July 1, 1888	301	4	July 1, 1917	1,000	1,000	.....
Oct. 1, 1889	<b>Reg. 110</b>	4	Oct. 1, 1917	.....	.....	2,000
Oct. 1, 1890	440 to 441	4	Oct. 1, 1917	1,000	2,000	.....
July 1, 1888	302	4	July 1, 1918	1,000	1,000	.....
	Amounts carried forward . .			.....	\$28,000	\$24,000

## WATER LOAN BONDS.—Concluded.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$28,000	\$24,000
Oct. 1, 1889	Reg. 111	4	Oct. 1, 1918	.....	.....	2,000
Oct. 1, 1890	442 to 443	4	Oct. 1, 1918	\$1,000	2,000	.....
Oct. 1, 1889	Reg. 112	4	Oct. 1, 1919	.....	.....	2,000
Oct. 1, 1890	444 to 445	4	Oct. 1, 1919	1,000	2,000	.....
Oct. 1, 1890	446 to 447	4	Oct. 1, 1920	1,000	2,000	.....
					\$34,000	\$28,000
Coupon Bonds . .					\$34,000	
Registered Bonds .					\$28,000	
Total amount Water Loan Bonds . . . . .					\$62,000	



**Metropolitan Park Assessment Loan Bonds.**

ISSUED UNDER AUTHORITY OF CHAPTER 225, ACTS OF 1902, BEYOND THE  
LIMIT FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomi- nation.	Amount Coupon Bonds.	Amount Reg. Bonds.
July 1, 1902	Reg. 160	3½	July 1, 1909	.....	.....	\$1,000
July 1, 1902	Reg. 181	3½	July 1, 1910	.....	.....	1,000
July 1, 1902	Reg. 161	3½	July 1, 1911	.....	.....	1,000
July 1, 1902	Reg. 162	3½	July 1, 1912	.....	.....	1,000
July 1, 1902	11	3½	July 1, 1913	\$1,000	\$1,000	.....
July 1, 1902	12	3½	July 1, 1914	1,000	1,000	.....
July 1, 1902	13	3½	July 1, 1915	1,000	1,000	.....
July 1, 1902	14	3½	July 1, 1916	1,000	1,000	.....
July 1, 1902	15	3½	July 1, 1917	1,000	1,000	.....
July 1, 1902	16	3½	July 1, 1918	1,000	1,000	.....
July 1, 1902	17	3½	July 1, 1919	1,000	1,000	.....
July 1, 1902	18	3½	July 1, 1920	1,000	1,000	.....
July 1, 1902	19	3½	July 1, 1921	1,000	1,000	.....
July 1, 1902	20	3½	July 1, 1922	1,000	1,000	.....
July 1, 1902	21	3½	July 1, 1923	1,000	1,000	.....
July 1, 1902	22	3½	July 1, 1924	1,000	1,000	.....
July 1, 1902	23	3½	July 1, 1925	1,000	1,000	.....
July 1, 1902	24	3½	July 1, 1926	1,000	1,000	.....
July 1, 1902	25	3½	July 1, 1927	1,000	1,000	.....
July 1, 1902	26	3½	July 1, 1928	1,000	1,000	.....
July 1, 1902	27	3½	July 1, 1929	1,000	1,000	.....
					\$17,000	\$4,000

Coupon Bonds . . . . . \$17,000  
Registered Bonds . . . . . 4,000

Total amount Met. Park Assessment Loan Bonds, \$21,000

**Recapitulation.**

City Loan Bonds . . . . .	\$1,058,500 00	
Sewer Loan Bonds . . . . .	254,000 00	
<hr/>		
Total amount of Funded Debt within the limit provided by law . . . . .		\$1,312,500 00
Sewer Loan Bonds, issued under Chapter 357, Acts of 1895 . . . . .	\$51,000 00	
City Loan Paving Bonds, issued under Chapter 153, Acts of 1892 . . . . .	20,000 00	
Metropolitan Park Assessment Loan Bonds, issued under Chapter 325, Acts of 1902, . . . . .	21,000 00	
<hr/>		
Total amount of Funded Debt outside of the limit allowed by law, issued under special Acts . . . . .		92,000 00
Water Loan Bonds . . . . .		62,000 00
<hr/>		
Total amount of Funded Debt . . . . .		\$1,466,500 00

**TABLE C.—STATEMENT OF ACCOUNTS, SHOWING APPROPRIATIONS, EXPENDITURES, ETC., TO DECEMBER 31, 1908.****Appropriations.****CREDIT.**

Taxes, amount assessed for municipal purposes . . . . .	\$933,405 00
Property and Debt Balance, amount provided by issue of bonds . . . . .	110,000 00
	<hr/>
	\$1,043,405 00

**DEBIT.**

## Appropriations from tax levy:—

Assessors . . . . .	\$11,000 00
City Auditor . . . . .	725 00
City Clerk . . . . .	5,800 00
City Engineer . . . . .	11,500 00
City Messenger . . . . .	2,000 00
City Solicitor . . . . .	2,450 00
City Treasurer . . . . .	9,500 00
Clerk of Committees and Departments . . . . .	4,700 00
Election Expenses:—	
City Clerk . . . . .	1,650 00
Commissioner of Public Buildings . . . . .	900 00
Pay of Election Officers . . . . .	2,600 00
Registrars of Voters . . . . .	1,780 00
Electrical Department . . . . .	8,500 00
Executive Department . . . . .	4,000 00
Fire Department . . . . .	38,000 00
Health Department . . . . .	8,000 00
Health Department:—	
Collection of Ashes and Offal . . . . .	43,000 00
Contagious Disease Hospital . . . . .	1,000 00
Medical Inspection in Public Schools . . . . .	1,500 00
Inspection of Buildings . . . . .	5,200 00
Interest . . . . .	70,000 00
Military Aid . . . . .	900 00
Police . . . . .	48,000 00
Printing and Stationery . . . . .	1,000 00
Public Buildings Maintenance:—	
City Buildings . . . . .	10,000 00
Fire Department . . . . .	5,000 00
Janitors' Salaries . . . . .	29,000 00
Schoolhouses . . . . .	32,000 00
Public Grounds . . . . .	10,700 00
Public Library . . . . .	16,000 00
Public Library, West Somerville Branch . . . . .	1,000 00
Reduction of Funded Debt . . . . .	130,000 00
School Contingent . . . . .	28,000 00
School Teachers' Salaries . . . . .	280,000 00
Sealer of Weights and Measures . . . . .	1,500 00
Sidewalks, Maintenance . . . . .	2,000 00
Soldiers' Relief . . . . .	22,000 00
Somerville Hospital . . . . .	5,000 00
Street Lights . . . . .	57,000 00
Support of Poor, City Home . . . . .	3,000 00
Support of Poor, Miscellaneous . . . . .	13,500 00
Suppression of Gypsy and Brown-tail Moths . . . . .	4,000 00
	<hr/>
	\$933,405 00
Amount carried forward . . . . .	<hr/>
	\$933,405 00

Amount brought forward . . . . .		\$933,405 00
Appropriations on Funded Debt account:—		
Electrical Department, Underground Construction . . . . .	\$3,000 00	
Fire Department, Additional Apparatus . . . . .	3,500 00	
Highways, Construction . . . . .	28,000 00	
Highways, Paved Gutters and Crossings . . . . .	12,000 00	
Highways, Shade Trees . . . . .	500 00	
Public Buildings Construction, Building Public Buildings . . . . .	20,000 00	*
Sewers, Construction . . . . .	30,000 00	
Sidewalks, Construction . . . . .	13,000 00	
	<hr/>	110,000 00
		<hr/> <hr/>
		\$1,043,405 00

**Assessors.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$11,000 00
Excess and Deficiency account, balance transferred . . . . .	240 03
	<hr/>
	\$10,759 97

## DEBIT.

## (Expenditures.)

Cash, paid George W. Perkins, salary as chairman of the board of assessors . . . . .	\$2,000 00
Benjamin F. Thompson, assessor . . . . .	49 45
Nathan H. Reed, assessor . . . . .	800 00
George E. Elliott, assessor . . . . .	800 00
Winsor L. Snow, assessor . . . . .	800 00
William A. Flaherty, assessor . . . . .	750 55
Fred B. Clapp, assistant assessor . . . . .	250 00
John J. Sheeran, assistant assessor . . . . .	250 00
John F. Stackpole, assistant assessor . . . . .	250 00
James Wilson, assistant assessor . . . . .	250 00
James A. Butler, assistant assessor . . . . .	250 00
Harvey E. Frost, assistant assessor . . . . .	250 00
Jennie L. Jones, first assistant clerk . . . . .	433 29
carfares . . . . .	17 30
Mabel E. Hall, second assistant clerk . . . . .	600 00
carfares . . . . .	3 50
Abbie D. Southworth, third assistant clerk . . . . .	550 02
carfares . . . . .	6 30
Theodore H. Locke, clerical services . . . . .	42 00
Raymond A. Farr, clerical services . . . . .	46 00
William M. Elliott, clerical services . . . . .	50 00
William L. Taylor, clerical services . . . . .	50 00
Eva V. Tukey, clerical services . . . . .	241 68
Florence Ham, clerical services . . . . .	272 68
Mildred A. Merrill, clerical services . . . . .	162 68
Florence A. Kenneson, clerical services . . . . .	84 00
Dora P. Bearse, clerical services . . . . .	124 01
Kathryne L. Nolan, clerical services . . . . .	88 00
Mabel F. Kenneson, clerical services . . . . .	62 00
Bertha M. Boyd, clerical services . . . . .	77 34
	<hr/>
Amount carried forward . . . . .	\$9,610 80



Amount brought forward . . . . .	\$9,610 80	
American Express Co., expressing . . . . .	30	
Carter's Ink Co., ink . . . . .	1 13	
L. E. Clayton, elastic . . . . .	1 00	
E. J. Cambridge, postage . . . . .	36 00	
Columbia-Webcowit Press, printing and stationery . . . . .	616 35	
Thomas Groom & Co., stationery . . . . .	22 00	
W. A. Greenough & Co., directory . . . . .	4 00	
E. F. Hicks, lunch . . . . .	10 00	
McGrath & Woodley, books . . . . .	217 50	
Wesley A. Maynard, advertising . . . . .	29 50	
New England Telephone & Telegraph Co., service . . . . .	45 40	
Pneumatic Hand Stamp Co., stamps . . . . .	1 79	
H. J. Ramsay, postage . . . . .	8 00	
Sprague & Hathaway Co., frame . . . . .	7 86	
Somerville Journal Co., printing . . . . .	130 50	
A. B. Tyler, postage . . . . .	6 00	
Williams & Neiley, printed forms . . . . .	2 50	
Samuel Ward Co., stationery . . . . .	9 34	
		<u>\$10,759 97</u>

**Cash.**

## RECEIPTS.

Balance from 1907 . . . . .		\$92,109 26
City Clerk . . . . .	\$2,977 56	
City Engineer . . . . .	441 00	
City Solicitor . . . . .	117 42	
City Treasurer . . . . .	5,109 56	
Contingent Fund . . . . .	136 00	
County of Middlesex . . . . .	4,814 39	
Electrical Department . . . . .	419 21	
Fire Department . . . . .	1,606 93	
Funded Debt . . . . .	110,000 00	
Health Department . . . . .	256 90	
Health Department, Collection of Ashes and Offal . . . . .	8,263 05	
Health Department, Contagious Disease Hospital . . . . .	6,292 74	
Highway Betterment Assessments . . . . .	8,212 27	
Highways, Construction . . . . .	2,350 43	
Highways, Maintenance . . . . .	25,140 41	
Highways, Paved Gutters and Crossings . . . . .	884 92	
Highways, Shade Trees . . . . .	1 00	
Highways, Watering Streets . . . . .	115 00	
Inspection of Buildings . . . . .	55 60	
Interest . . . . .	11,016 69	
Metered Water Charges . . . . .	24,164 76	
Overlay and Abatement . . . . .	10 60	
Police . . . . .	4,221 46	
Public Buildings Maintenance:—		
City Buildings . . . . .	299 30	
Schoolhouses . . . . .	160 65	
Public Grounds . . . . .	758 77	
Public Grounds, Construction . . . . .	5 56	
Amounts carried forward . . . . .	<u>\$217,832 18</u>	<u>\$92,109 26</u>

Amounts brought forward. . . . .	\$217,832 18	\$92,109 26
Public Library . . . . .	1,020 48	
Public Library Construction, West Somerville Branch . . . . .	14,867 50	
Public Library, Isaac Pitman Fund, Income, Art . . . . .	90 14	
Public Library, Isaac Pitman Fund, Income, Poetry . . . . .	22 54	
Public Library, Frances A. Wilder Children's Department Fund . . . . .	100 00	
Redemption of Tax Liens . . . . .	1,813 77	
Reduction of Funded Debt . . . . .	3,775 10	
School Contingent . . . . .	294 77	
School Teachers' Salaries . . . . .	95 06	
Sealer of Weights and Measures . . . . .	460 86	
Sewer Assessments . . . . .	543 04	
Sewers, Construction . . . . .	1,381 24	
Sewers, Maintenance . . . . .	879 56	
Sidewalk Assessments . . . . .	16,534 58	
Sidewalks, Construction . . . . .	295 38	
Sidewalks, Maintenance . . . . .	162 45	
Soldiers' Relief . . . . .	52 00	
State Aid . . . . .	54 00	
State of Massachusetts . . . . .	14,626 63	
Sundry Persons . . . . .	168 94	
Support of Poor, City Home . . . . .	4,671 79	
Support of Poor, Miscellaneous . . . . .	2,627 64	
Suppression of Gypsy and Brown-tail Moths . . . . .	26 65	
Taxes . . . . .	1,250,651 32	
Temporary Loans . . . . .	700,000 00	
Water Maintenance . . . . .	16,540 46	
Water Service Assessments . . . . .	3,122 77	
Water Works Extension . . . . .	324 60	
Water Works Income . . . . .	198,477 15	
	<hr/>	\$2,451,512 65
		<hr/>
		\$2,543,621 91

## PAYMENTS.

Assessors . . . . .	\$10,759 97
City Auditor . . . . .	714 89
City Clerk . . . . .	8,572 30
City Engineer . . . . .	11,940 88
City Messenger . . . . .	1,934 23
City Solicitor . . . . .	2,504 04
City Treasurer . . . . .	14,264 42
Clerk of Committees and Departments . . . . .	4,700 00
Contingent Fund . . . . .	2,356 50
County of Middlesex . . . . .	60,830 68
Coupons . . . . .	48,525 00
Election Expenses:—	
City Clerk . . . . .	1,257 90
Commissioner of Public Buildings . . . . .	1,259 78
Pay of Election Officers . . . . .	2,573 00
Registrars of Voters . . . . .	1,653 12
Electrical Department . . . . .	10,322 84
Electrical Department, Underground Construction . . . . .	1,120 30
Amount carried forward . . . . .	<hr/>
	\$185,289 85

Amount brought forward . . . . .	\$185,289 85
Executive Department . . . . .	3,960 48
Fire Department . . . . .	79,477 90
Fire Department, Additional Apparatus . . . . .	4,525 00
Grade Crossings . . . . .	33,709 72
Health Department . . . . .	10,939 81
Health Department, Collection of Ashes and Offal . . . . .	58,012 02
Health Department, Contagious Disease Hospital . . . . .	7,106 69
Health Department, Medical Inspection in Public Schools . . . . .	1,411 75
Highways, Construction . . . . .	31,753 90
Highways, Maintenance . . . . .	66,937 05
Highways, Paved Gutters and Crossings . . . . .	15,560 52
Highways, Shade Trees . . . . .	480 81
Highways, Watering Streets . . . . .	28,733 72
Inspection of Buildings . . . . .	5,186 94
Interest . . . . .	30,323 77
Military Aid . . . . .	1,131 00
Overlay and Abatement . . . . .	45 84
Police . . . . .	87,250 48
Printing and Stationery . . . . .	2,235 06
Public Buildings Construction:—	
Addition to Benjamin G. Brown School . . . . .	10,011 30
Addition to Hanscom School . . . . .	8,259 95
Bath House . . . . .	2,368 21
Heating Plant, Charles G. Pope School, . . . . .	209 95
Health Department, Stable . . . . .	11,350 12
Incinerator . . . . .	81 99
Vault, City Hall . . . . .	775 10
Public Buildings Maintenance:—	
City Buildings . . . . .	11,952 24
Fire Department . . . . .	5,107 22
Janitors' Salaries . . . . .	29,755 44
Schoolhouses . . . . .	36,921 00
Public Grounds . . . . .	11,508 76
Public Grounds, Construction . . . . .	1,505 56
Public Library . . . . .	21,233 41
Public Library, West Somerville Branch . . . . .	998 35
Public Library Construction, West Somer- ville Branch . . . . .	14,867 50
Public Library, Isaac Pitman Fund, Income, Art . . . . .	144 03
Public Library, Isaac Pitman Fund, Income, Poetry . . . . .	63 17
Public Library, Frances A. Wilder Chil- dren's Department Fund, Investment, . . . . .	100 00
Redemption of Tax Liens . . . . .	1,793 77
Reduction of Funded Debt . . . . .	161,500 00
School Contingent . . . . .	31,587 65
School Teachers' Salaries . . . . .	289,277 51
Sealer of Weights and Measures . . . . .	1,951 33
Sewers, Construction . . . . .	20,065 21
Sewers, Maintenance . . . . .	12,878 51
Sidewalks, Construction . . . . .	36,022 39
Sidewalks, Maintenance . . . . .	3,154 77
Soldiers' Burials . . . . .	518 00
Soldiers' Monument . . . . .	8,531 53
Amount carried forward . . . . .	<u>\$1,388,571 28</u>

Amount brought forward . . . . .	\$1,388,571 28	
Soldiers' Relief . . . . .	22,663 77	
Somerville Hospital . . . . .	5,000 00	
State Aid . . . . .	16,946 00	
State of Massachusetts . . . . .	203,972 73	
Street Lights . . . . .	50,000 00	
Support of Poor, City Home . . . . .	6,875 56	
Support of Poor, Miscellaneous . . . . .	17,955 34	
Suppression of Elm Leaf Beetle . . . . .	998 45	
Suppression of Gypsy and Brown-tail Moths . . . . .	5,071 80	
Temporary Loans . . . . .	705,000 00	
Water Loan Interest . . . . .	1,240 00	
Water Maintenance . . . . .	47,077 51	
Water Works, Abatements on Water Charges . . . . .	242 04	
Water Works Extension . . . . .	16,898 19	
	<hr/>	
	\$2,488,512 67	
Balance to debit of account, 1909 . . . . .	55,109 24	
	<hr/>	
		\$2,543,621 91

**City Auditor.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$725 00
Excess and Deficiency account, balance transferred . . . . .	10 11
	<hr/>
	\$714 89

## DEBIT.

## (Expenditures.)

Cash, paid Charles S. Robertson, salary as auditor . . . . .	\$233 33	
Clarence T. Bruce, salary as auditor . . . . .	466 67	
Thomas Groom & Co., record book, etc., . . . . .	11 60	
Pneumatic Hand Stamp Co., stamps . . . . .	3 29	
	<hr/>	
		\$714 89

**City Clerk.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$5,800 00
Excess and Deficiency account, balance transferred . . . . .	205 26
	<hr/>
	\$5,594 74

## Receipts:—

Election Expenses, City Clerk account, work on ballot boxes . . . . .		15 00
Cash, received of Frederic W. Cook, city clerk:—		
Recording mortgages . . . . .	\$515 25	
Dog licenses . . . . .	366 80	
Marriage certificates . . . . .	690 50	
Amusements . . . . .	447 00	
Transporting liquors . . . . .	20 00	
Junk licenses . . . . .	315 00	
	<hr/>	
Amounts carried forward . . . . .	\$2,354 55	\$5,609 74



Amounts brought forward . . . . .	\$2,354 55	\$5,609 74
Badges . . . . .	1 88	
Express licenses . . . . .	141 00	
Street musicians . . . . .	11 00	
Copies of records . . . . .	102 00	
Fireworks . . . . .	52 00	
Liquor licenses . . . . .	37 00	
Billiards and pool . . . . .	100 00	
Intelligence offices . . . . .	16 00	
Auctioneers' licenses . . . . .	48 00	
Slaughtering . . . . .	5 00	
Carriage licenses . . . . .	24 00	
Drivers' licenses . . . . .	19 00	
Wagon stands . . . . .	3 00	
Private detectives . . . . .	10 00	
Sale of old ballots . . . . .	30	
Interest on deposits . . . . .	11 02	
Filing certificate . . . . .	50	
	<hr/>	\$2,936 25
		<hr/>
		\$8,545 99

## DEBIT.

(Expenditures.)

Cash, paid Frederic W. Cook, salary as city clerk . . . . .	\$2,700 00
Howard E. Wemyss, assistant city clerk, . . . . .	1,400 00
Clara B. Snow, first assistant . . . . .	800 00
Edith A. Woodman, second assistant . . . . .	600 00
Alice M. Vincent, third assistant . . . . .	588 53
Florence H. Plimpton, fourth assistant . . . . .	550 00
Allen, Doane & Co., badges . . . . .	2 03
American Express Co., expressing . . . . .	5 71
American Surety Co., surety bonds . . . . .	32 00
American Engraving Co., electros . . . . .	1 09
American Multigraph Sales Co., type . . . . .	12 00
George W. Butters, year book . . . . .	2 00
T. H. Ball, forms . . . . .	1 92
John F. Biggs & Co., printing . . . . .	4 00
The Carter's Ink Co., ink . . . . .	13 88
J. A. Cummings Printing Co., printing . . . . .	17 50
S. H. Chamberlin, rubber mat . . . . .	1 50
Charles E. Davis, birth canvassing . . . . .	41 00
Duren & Kendall, typewriter repairing . . . . .	7 57
Clara Z. Elliot, canvassing . . . . .	17 50
Glines & Co., expressing . . . . .	30
Thomas Groom & Co., books . . . . .	12 00
Wyman C. Fickett, birth canvassing . . . . .	26 80
Gilman Express Co., expressing . . . . .	1 45
Annie E. Gilcrease, birth canvassing . . . . .	67 10
W. A. Greenough, directory . . . . .	4 00
Thomas Hearn & Co., paper and ruling . . . . .	16 00
Hobbs & Warren Co., blanks . . . . .	1 62
International Time Recording Co., time stamp . . . . .	75 00
Little, Brown & Co., Cushing's manual . . . . .	80
A. C. Libby & Sons, stationery . . . . .	6 45
Library Bureau, case and cards . . . . .	76 40
McGrath & Woodley, binding and printing . . . . .	68 75
	<hr/>
Amount carried forward . . . . .	\$7,154 90

Amount brought forward . . . . .	\$7,154 90	
Wesley A. Maynard, printing . . . . .	7 00	
Monarch Typewriter Co., machine, etc. . . . .	84 75	
New England Telephone & Tele- graph Co., service and tolls . \$167 96		
(Cash) . . . . .	26 31	
		141 65
The Press Clipping Bureau, pencils . . . . .	50	
Clinton I. Prouty, birth canvassing . . . . .	26 50	
Pneumatic Hand Stamp Co., stamps . . . . .	25	
Harry J. Ramsay, sealing wax . . . . .	40	
Remington Typewriter Co., typewriter . . . . .	55 00	
Sampson & Murdock Co., directory . . . . .	6 00	
Somerville Journal Co., printing . . . . .	67 50	
Somerville Post-office, postage . . . . .	227 76	
Sundry Persons, reporting births . . . . .	403 75	
Sundry Persons, reporting deaths . . . . .	205 75	
Richard H. Tincker, birth canvassing . . . . .	59 50	
Thorpe's Express, expressing . . . . .	30	
Samuel Ward Co., stationery . . . . .	78 23	
F. S. Webster Co., typewriter ribbon . . . . .	1 00	
Yawman & Erbe Mfg. Co., cards . . . . .	10 25	
Charles Gale, repairing ballot boxes . . . . .	12 00	
George Robinson, repairing ballot boxes, . . . . .	3 00	
		<u>\$8,545 99</u>

**City Engineer.**

CREDIT.

Appropriation, from Taxes, 1903 . . . . .	\$11,500 00
Excess and Deficiency account, balance transferred . . . . .	12
	<u>\$11,499 88</u>

Receipts:—

Sewers, Construction account, labor . . . . .	395 00
Cash, received of W. L. Glidden, et al., plan, . . . . .	\$8 00
James F. Blute, et al., plan . . . . .	5 00
Abutters on Lowell street, plan . . . . .	5 00
Abutters on Bromfield road, plan . . . . .	8 00
Abutters on Grant street, plan . . . . .	5 00
Abutters on Marion street, plan . . . . .	5 00
Abutters on Kidder avenue, plan . . . . .	5 00
Abutters on Francis street, plan . . . . .	5 00
	<u>46 00</u>
	<u>\$11,940 88</u>

DEBIT.

(Expenditures.)

Cash, paid Ernest W. Bailey, salary as city engineer . . . . .	\$3,000 00
Engineer's assistants . . . . .	7,936 09
Engineer's assistants, carfares . . . . .	244 55
American Express Co., expressing . . . . .	1 15
L. E. Clayton, cloth . . . . .	5 75
Davenport-Brown Co., stakes . . . . .	7 56
Eugene Dietzen Co., ink . . . . .	25
Eyelet Tool Co., pins and rivets . . . . .	3 57
	<u>\$11,198 92</u>
Amount carried forward . . . . .	\$11,198 92

Amount brought forward . . . . .	\$11,193 92	
Frost & Adams Co., crayons . . . . .	9 44	
Thomas Groom & Co., books and stationery . . . . .	85 25	
Glines & Co., expressing . . . . .	15	
Gilman Express Co., expressing . . . . .	45	
William B. Holmes, hammer . . . . .	60	
King Mfg. Co., pens, etc. . . . .	2 45	
Ledder & Probst, repairing transit and level . . . . .	30 05	
Library Bureau, cards . . . . .	2 80	
Municipal Journal, subscription . . . . .	3 00	
Charles E. Moss, blue print paper . . . . .	3 24	
New England Telephone & Telegraph Co., service and tolls . . . . .	114 92	
W. P. Rice, stakes . . . . .	15 20	
Sprague & Hathaway Co., mounting . . . . .	2 30	
Somerville Post-office, postage . . . . .	10 00	
James Tevlin, board of horse and shoeing . . . . .	249 90	
Underhill Hardware Co., tools . . . . .	1 15	
Charles L. Underhill, sharpening . . . . .	60	
Wadsworth, Howland & Co., supplies . . . . .	41 15	
Samuel Ward Co., baskets . . . . .	1 36	
Whitney & Snow, hardware . . . . .	32 95	
A. M. Wood Co., repairing wagon . . . . .	35 00	
	<hr/>	
	\$11,840 88	
Sewers, Maintenance account, setting stone bounds . . . . .	100 00	
	<hr/>	
		\$11,940 88

**City Messenger.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$2,000 00
Excess and Deficiency account, balance transferred . . . . .	65 77
	<hr/>
	\$1,934 23

## DEBIT.

## (Expenditures.)

Cash, paid Jairus Mann, salary as city messenger . . . . .	\$1,500 00	
disbursements . . . . .	4 80	
H. A. Brownell, repairs . . . . .	5 65	
Charles E. Berry, repairing harnesses . . . . .	1 75	
Jameson Brothers, board of horse . . . . .	307 43	
Howard Lowell & Son, carriage hire . . . . .	29 00	
Martin & Wood, keys . . . . .	65	
A. E. Mann, services . . . . .	5 00	
New England Telephone & Telegraph Co., service . . . . .	22 70	
Pearl-street Shoeing Forge, shoeing . . . . .	24 70	
R. C. Small & Co., carriage repairs . . . . .	29 60	
Charles L. Underhill, repairs . . . . .	2 95	
	<hr/>	
		\$1,934 23

**City Solicitor.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$2,450 00
Excess and Deficiency account, balance transferred . . . . .	63 38

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 \$2,386 62

## Receipts:—

Cash, received of Frederick J. Stark, deed . . . . .	\$20 00
George L. Johnson, cost of suit . . . . .	97 42
	<hr/>
	117 42
	<hr/>
	\$2,504 04

## DEBIT.

## (Expenditures.)

Cash, paid Frank W. Kaan, salary as city solicitor . . . . .	\$2,100 00
disbursements . . . . .	252 49
Thomas Damery, salary as claim agent . . . . .	100 00
William L. Haskell, stenographer . . . . .	26 55
McGrath & Woodley, stationery . . . . .	25 00
	<hr/>
	\$2,504 04

**City Treasurer.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$9,500 00
Excess and Deficiency account, balance transferred . . . . .	382 94

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 \$9,117 06

## Receipts:—

Commonwealth of Massachusetts, fees for collecting National Bank tax . . . . .	17 80
Redemption of Tax Liens, fees for releasing tax liens . . . . .	20 00
Cash, received of sundry persons, certificates . . . . .	\$113 00
Sundry persons, costs on taxes and assessments . . . . .	4,964 81
	<hr/>
	5,077 81
	<hr/>
	\$14,232 67

## DEBIT.

## (Expenditures.)

Cash, paid Joseph S. Pike, salary as city treasurer . . . . .	\$3,000 00
Charles L. Ellis, deputy collector of taxes . . . . .	1,450 00
disbursements . . . . .	24 60
Beulah M. Peirce, first assistant . . . . .	1,000 00
Louise B. McLaughlin, second assistant . . . . .	700 00
Florence M. Grow, third assistant . . . . .	600 00
Marion C. Kendall, fourth assistant . . . . .	600 00
Winnifred P. Briggs, fifth assistant . . . . .	480 81
Susan L. Briggs, clerical assistant . . . . .	274 68
Lilla A. Johnson, clerical assistant . . . . .	282 63
Roberta B. McDonald, clerical assistant . . . . .	118 67

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 Amount carried forward . . . . . \$8,531 44



Amount brought forward . . . . .	\$8,531 44
Ednah A. Whitney, clerical assistant . . . . .	64 01
Dorothy S. Hopkins, clerical assistant . . . . .	48 01
Malcolm E. Sturtevant, fees for collecting delinquent taxes . . . . .	372 68
Charles E. Davis, fees for collecting delinquent taxes, etc. . . . .	261 38
F. W. Hopkins, fees for collecting delinquent taxes . . . . .	112 50
Theodore H. Locke, fees for collecting delinquent taxes . . . . .	86 00
Somerville National Bank, clearing house charges . . . . .	1 35
National Security Bank, clearing house charges . . . . .	73
Faneuil Hall National Bank, clearing house charges . . . . .	47
City Trust Company, clearing house charges . . . . .	10
American Surety Company of New York, surety bonds . . . . .	184 00
S. H. Abbott, paper . . . . .	1 40
American Express Co., expressing . . . . .	35
D. J. Bennett, repairing leather case . . . . .	50
Boston News Bureau, subscription . . . . .	12 00
George W. Butters, year book . . . . .	2 00
A. W. Babbitt, check register . . . . .	11 00
Charles E. Berry, repairing machine . . . . .	75
The Carter's Ink Co., ribbon coupon book, etc. . . . .	11 07
Columbia-Webcowit Press, envelopes . . . . .	24 35
City Trust Company, preparation of bonds . . . . .	175 00
Edwin O. Childs, Register, recording documents . . . . .	16 90
Fisher & Fowler, attention to adding machine . . . . .	2 60
Felt & Tarrant Mfg. Co., coupon cutter . . . . .	45 00
E. H. Foote, fasteners . . . . .	1 25
Thomas Groom & Co., stationery . . . . .	448 85
Glines & Co., expressing . . . . .	2 15
W. A. Greenough & Co., directories . . . . .	8 00
W. H. Gleason, blocking . . . . .	6 70
Gilman Express Co., expressing . . . . .	15
J. C. Hall Co., checks . . . . .	40 60
Iver Johnson Co., revolver . . . . .	17 25
Howard Lowell & Son, carriage hire . . . . .	12 00
Wesley A. Maynard, printing . . . . .	207 05
Henry M. Meek Publishing Co., directory . . . . .	3 50
McGrath & Woodley, stationery . . . . .	26 00
New England Telephone & Telegraph Co., service and tolls . \$116 21	
(Cash) . . . . .	31 75
	<hr/>
	84 46
National Association Comptrollers and Accounting Officers, membership . . . . .	10 00
Outlook Envelope Co., envelopes . . . . .	49 05
Edwin L. Pride, auditing . . . . .	350 00
Amount carried forward . . . . .	<hr/>
	\$11,232 60

Amount brought forward . . . . .	\$11,232 60	
George A. Richards, settlement of claim, . . . . .	10 63	
Somerville Post-office, postage . . . . .	1,066 65	
Somerville Journal Co., printing and advertising . . . . .	1,623 09	
Smith-Premier Typewriter Co., machine and cabinet, etc. . . . .	111 41	
Sampson, Murdock Co., directory . . . . .	6 00	
Walter H. Snow, catering . . . . .	10 00	
A. B. Tyler, postage . . . . .	130 00	
Turner & Co., printing . . . . .	19 24	
Thorpe's Express, expressing . . . . .	50	
Webcowit Press, printing . . . . .	7 50	
Yale & Towne Mfg. Co., cleaning and insuring time lock . . . . .	15 00	
	<hr/>	\$14,232 67

**Clerk of Committees and Departments.**

CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$4,700 00
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DEBIT.

(Expenditures.)

Cash, paid William P. Mitchell, salary as clerk of committees and departments . . . . .	\$2,100 00	
Lawrence S. Howard, assistant . . . . .	1,100 00	
Lucia A. Manning, assistant . . . . .	600 00	
Bessie L. L. Crosby, assistant . . . . .	600 00	
W. A. Greenough & Co., directory . . . . .	4 00	
Thomas Groom & Co., stationery . . . . .	56 02	
Glines & Co., expressing . . . . .	15	
New England Telephone & Telegraph Co., service . . . . .	87 63	
Somerville Post-office, postage . . . . .	114 77	
Smith-Premier Typewriter Co., repairs . . . . .	3 40	
Sprague & Hathaway Co., framing map . . . . .	7 53	
Somerville Journal Co., printing . . . . .	20 50	
Sampson, Murdock Co., directory . . . . .	6 00	
	<hr/>	\$4,700 00

**Commonwealth of Massachusetts.**

CREDIT.

State Tax . . . . .	\$96,470 00
National Bank Tax. . . . .	\$1,845 52
	71 65
	<hr/>
	1,773 87
Metropolitan Sewer Tax:—	
Sinking Fund Requirements . . . . .	\$7,366 90
Interest . . . . .	25,830 93
Maintenance . . . . .	26,404 42
	<hr/>
	59,602 25
Metropolitan Park Tax:—	
Sinking Fund Requirements . . . . .	\$4,224 14
Interest . . . . .	11,864 37
Maintenance . . . . .	14,765 29
	<hr/>
	30,853 80
Amount carried forward . . . . .	\$188,699 92

Amount brought forward . . . . .		\$188,699 92
Armory Tax:—		
Interest . . . . .		562 50
Middlesex Avenue or Wellington Bridge Tax:—		
Assessment . . . . .	\$4,632 94	
Interest . . . . .	675 48	
Maintenance . . . . .	857 12	
		6,165 54
Metropolitan Water Assessment, 1908:—		
Sinking Fund Requirements . . . . .	\$24,865 73	
Interest . . . . .	68,604 23	
Maintenance . . . . .	15,221 12	
		108,691 08
Unpaid Soldiers' Burials, 1907, to debit of 1908 account .		37 00
Cash . . . . .	\$1,011 86	
	5,879 45	
	6,109 30	
	1,015 03	
	588 04	
	23 00	
		14,626 68
		<u>\$318,782 72</u>

DEBIT.		
Balance from 1907 . . . . .	\$20,281 13	
Corporation Taxes, 1907 . . . . .	2,485 32	
Corporation Taxes, 1908 . . . . .	29,822 51	
National Bank Tax, 1907 . . . . .	37 00	
National Bank Tax, 1908 . . . . .	3,974 65	
Support of Poor, Miscellaneous . . . . .	\$1,155 56	
	23 00	
		1,178 56
School Contingent, tuition . . . . .	190 50	
Street Railway Tax . . . . .	40,400 47	
Boston Elevated Railway Tax . . . . .	9,010 15	
Contagious Disease Hospital . . . . .	999 98	
Health Department . . . . .	302 62	
Reduction of Funded Debt, on account of		
Armory . . . . .	6,109 30	
Fees for collecting National Bank Tax . . . . .	17 80	
Cash . . . . .	203,972 73	
		<u>\$318,782 72</u>
State Aid, 1908 . . . . .	\$16,892 00	
Soldiers' Burials, 1907 . . . . .	37 00	
Soldiers' Burials, 1908 . . . . .	518 00	
Military Aid, 1908 . . . . .	591 00	
		<u>\$18,038 00</u>
Balance to debit of account, December 31, 1908 . . . . .		<u>18,038 00</u>

**Contingent Fund.**

CREDIT.		
Excess and Deficiency, balance of 1907 account, appropriated . . . . .	\$2,215 33	
Excess and Deficiency account, balance transferred . . . . .	5 12	
		<u>\$2,220 50</u>
Amount carried forward . . . . .	\$2,220 50	

Amount brought forward . . . . .		\$2,220 50
Receipts:—		
Cash, received of sundry persons, licenses to peddle . . . . .	\$50 00	
Sundry persons, druggists' licenses . . . . .	37 00	
Middlesex Mutual Fire Insurance Co., dividend . . . . .	9 00	
Arthur E. Bearse, disclaimer . . . . .	20 00	
Thomas W. Sutherland, disclaimer . . . . .	20 00	
		<hr/> 136 00
		<hr/> \$2,356 50

## DEBIT.

## (Expenditures.)

Cash, paid American Express Co., express- ing . . . . .	\$5 45	
John Bousfield, ringing bell . . . . .	2 00	
L. H. Brown, carriage hire . . . . .	42 00	
Boston Envelope Co., mailing cases . . . . .	10 80	
Company K, Eighth Regiment, M. V. M., rifle practice . . . . .	200 00	
Company M, Eighth Regiment, M. V. M., rifle practice . . . . .	200 00	
Commonwealth of Massachusetts, twenty-five per cent. of liquor licenses, . . . . .	9 00	
John Donnelly & Sons, posting . . . . .	18 00	
Frank E. Draper Camp, No. 41, S. A. War Veterans, observance of Memo- rial Day . . . . .	50 00	
Edwards, The Druggist, brush and comb, . . . . .	50	
Odin Fritz, portrait of mayor . . . . .	75 00	
Thomas Groom & Co., stationery . . . . .	2 00	
Howard Gray, ringing bell . . . . .	2 00	
J. W. Howard, decorations . . . . .	31 40	
Hill & Holt, use of car . . . . .	15 00	
Ida M. Hooper, addressing . . . . .	4 00	
Jameson Brothers, carriage hire . . . . .	18 00	
H. A. Kendall, ringing bell . . . . .	4 00	
Locke-Ober Co., dinners . . . . .	47 00	
Howard Lowell & Son, carriage hire . . . . .	45 00	
B. L. Makepeace, blue prints . . . . .	1 65	
Neostyle Co., supplies . . . . .	10 20	
William J. Nagel, book . . . . .	4 00	
Somerville Post-office, postage . . . . .	55 75	
Somerville Y. M. C. A., use of hall . . . . .	25 00	
Somerville Journal Co., printing . . . . .	171 56	
Walter H. Snow, catering . . . . .	24 00	
Asbury Strahan, ringing bell . . . . .	2 00	
Somerville Fourth of July Association, band concerts and fireworks . . . . .	500 00	
W. L. Taylor, ringing bell . . . . .	4 00	
W. C. Towne, ringing bell . . . . .	2 00	
Union Square Hotel, dinners . . . . .	3 75	
Samuel Ward Co., invitations, etc. . . . .	96 24	
Winter Hill Post-office, postage . . . . .	18 00	
Whitney & Snow, figures . . . . .	10 20	
George H. Walker & Co., maps . . . . .	145 00	
Willard C. Kinsley Post, No. 139, G. A. R., observance of Memorial Day . . . . .	500 00	
George B. Wiswall, ringing bell . . . . .	2 00	
		<hr/> \$2,356 50



**County of Middlesex.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .		\$60,830 63
Receipts:—		
Cash, received of J. O. Hayden, county treasurer, rent of court room . . . . .	\$600 00	
return on amount received of the city for dog licenses, 1907 . . . . .	4,214 39	
	<hr/>	4,814 39
		<hr/>
		\$65,645 07

Amounts transferred and unused:—

Public Buildings Maintenance, City Buildings account, amount transferred . . . . .	\$600 00	
Public Library account, amount transferred, . . . . .	4,214 39	
	<hr/>	4,814 39
		<hr/>
		\$60,830 63

## DEBIT.

(Expenditures.)

Cash, paid County Tax . . . . .		<u>\$60,830 63</u>
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**Coupons.**

## CREDIT.

Balance of coupons unpaid January 1, 1908 . . . . .		\$19,927 50
Coupons maturing April 1, 1908:—		
Water Loan, \$26,000, six months at 4 per cent. . . . .	\$520 00	
Sewer Loan, \$3,000, six months at 4½ per cent. . . . .	67 50	
Paving Loan, \$25,000, six months at 4 per cent. . . . .	500 00	
City Loan, \$159,000, six months at 4 per cent. . . . .	3,180 00	
	<hr/>	4,267 50

Coupons maturing July 1, 1908:—

City Loan, \$185,000, six months at 3½ per cent. . . . .	\$3,237 50	
City Loan, \$553,000, six months at 4 per cent. . . . .	11,060 00	
Sewer Loan, \$40,000, six months at 3½ per cent. . . . .	700 00	
Sewer Loan, \$147,000, six months at 4 per cent. . . . .	2,940 00	
Metropolitan Park Assessment Loan, \$18,000, six months, at 3½ per cent. . . . .	315 00	
Water Loan, \$12,000, six months at 4 per cent. . . . .	240 00	
	<hr/>	18,492 50

Coupons maturing October 1, 1908:—

City Loan, \$230,000, six months at 4 per cent. . . . .	\$4,600 00	
Sewer Loan, \$30,000, six months at 4 per cent. . . . .	600 00	
Sewer Loan, \$3,000, six months at 4½ per cent. . . . .	67 50	
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Amounts carried forward . . . . .	\$5,267 50	<u>\$42,687 50</u>
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Amounts brought forward . . . . .	\$5,267 50	\$42,687 50
Paving Loan, \$25,000, six months at 4 per cent. . . . .	500 00	
Water Loan, \$26,000, six months at 4 per cent. . . . .	520 00	
	<hr/>	6,287 50
Coupons maturing January 1, 1909:—		
City Loan, \$159,000, six months at 3½ per cent. . . . .	\$2,782 50	
City Loan, \$478,500, six months at 4 per cent. . . . .	9,570 00	
Sewer Loan, \$38,000, six months at 3½ per cent. . . . .	665 00	
Sewer Loan, \$138,000, six months at 4 per cent. . . . .	2,760 00	
Metropolitan Park Assessment Loan, \$17,000, six months at 3½ per cent. . . . .	297 50	
Water Loan, \$10,000, six months at 4 per cent. . . . .	200 00	
	<hr/>	16,275 00
		<hr/>
		\$65,250 00
DEBIT.		
Cash, paid coupons . . . . .	\$48,525 00	
Coupons of 1908 unpaid . . . . .	16,725 00	
	<hr/>	\$65,250 00
		<hr/>

**Election Expenses, City Clerk.**

CREDIT.		
Appropriations, from Taxes, 1908 . . . . .		\$1,650 00
Excess and Deficiency account, balance transferred . . . . .		392 10
		<hr/>
		\$1,257 90

DEBIT.		
(Expenditures.)		
Cash, paid L. H. Brown, carriage hire . . . . .	\$157 00	
Bicknell & Fuller Paper Box Co., boxes, Boston Post-office, Somerville Station, postals . . . . .	17 50	
The Carter's Ink Co., ink . . . . .	4 00	
Frederic W. Cook, disbursements . . . . .	6 00	
L. E. Clayton, tape . . . . .	3 43	
John Donnelly & Sons, posting . . . . .	1 20	
Hill & Holt, use of car . . . . .	12 00	
J. H. Kelley, repairing boxes . . . . .	10 00	
Howard Lowell & Son, carriage hire . . . . .	32 00	
Wesley A. Maynard, printing and advertising . . . . .	11 00	
A. C. Libby & Sons, supplies . . . . .	152 28	
Howard Lowell & Son, use of coupe . . . . .	11 00	
Somerville Journal Co., printing . . . . .	6 00	
Somerville Sun, advertising . . . . .	739 96	
S. M. Spencer Mfg. Co., supplies . . . . .	18 75	
Thorpe's Express, expressing . . . . .	9 50	
Tyer Rubber Co., supplies . . . . .	35	
Underhill Hardware Co., locks . . . . .	14 65	
Whitney & Snow, supplies . . . . .	1 20	
	6 23	
	<hr/>	
Amount carried forward . . . . .	\$1,214 05	

Amount brought forward . . . . .	\$1,214 05
Samuel Ward Co., gumming lists . . . . .	19 20
A. J. Wilkinson & Co., brass . . . . .	75
G. A. Walker Machine Co., springs . . . . .	8 90

	\$1,242 90
City Clerk account, ballot box repairing . . . . .	15 00

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 \$1,257 90

### Election Expenses, Commissioner of Public Buildings.

#### CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$900 00
Excess and Deficiency account, balance transferred . . . . .	359 78

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 \$1,259 78

#### DEBIT.

#### (Expenditures.)

Cash, paid L. G. Columbus & Co., lamp chimneys . . . . .	\$ 75
Davenport-Brown Co., lumber . . . . .	6 81
Philip Eberle, rent of hall . . . . .	112 50
W. F. Fleming, rent of hall . . . . .	7 00
Eugene Giroir, painting, etc. . . . .	101 00
Jim Hodder, rent of hall . . . . .	40 00
James Kenney, carpentering . . . . .	1 64
Warren E. Locke, rent of hall . . . . .	36 00
T. E. Littlefield, lumber . . . . .	2 11
G. F. McKenna & Son, teaming . . . . .	148 00
J. Edward L. McLean, carpentering . . . . .	410 18
Charles F. Mills, carpentering . . . . .	73 70
Arthur G. Pearson, rent of hall . . . . .	100 00
E. S. Sparrow & Co., hardware . . . . .	1 01
Harris P. Tibbetts, carpentering . . . . .	180 95
A. J. Wilkinson & Co., hardware . . . . .	3 20
Whitney & Snow, hardware . . . . .	2 03
William J. Wiley, paint . . . . .	32 90

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 \$1,259 78

### Election Expenses, Pay of Election Officers.

#### CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$2,600 00
Excess and Deficiency account, balance transferred . . . . .	27 00

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 \$2,573 00

#### DEBIT.

#### (Expenditures.)

Cash, paid election officers . . . . .	\$2,573 00
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### Election Expenses, Registrars of Voters.

#### CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$1,780 00
Excess and Deficiency account, balance transferred . . . . .	126 88

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 \$1,653 12

## DEBIT.

## (Expenditures.)

Cash, paid Charles P. Lincoln, salary as registrar . . . . .	\$200 00	
Charles E. Parks, salary as registrar . . . . .	200 00	
Edwin D. Sibley, salary as registrar . . . . .	200 00	
Frederic W. Cook, salary as registrar . . . . .	200 00	
George E. Davis, clerical services . . . . .	39 00	
Lawrence S. Howard, clerical services . . . . .	3 00	
Frank E. Merrill, clerical services . . . . .	39 00	
Fred E. Warren, clerical services . . . . .	45 00	
Howard E. Wemyss, clerical services . . . . .	54 00	
J. A. Cummings Printing Co., printing . . . . .	24 50	
John Donnelly & Sons, posting . . . . .	36 00	
Gridley Coffee House Co., lunch . . . . .	11 43	
Howard Lowell & Son, carriage hire . . . . .	16 00	
G. F. McKenna & Son, carriage hire . . . . .	16 00	
Wesley A. Maynard, advertising . . . . .	32 00	
McGrath & Woodley, binding . . . . .	6 50	
Somerville Post-office, postage . . . . .	21 44	
Somerville Journal Co., advertising . . . . .	463 25	
Samuel Ward Co., stationery . . . . .	41 00	
		<u>\$1,653 12</u>

**Electrical Department.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$3,500 00
Interest account, amount transferred . . . . .	400 00
Excess and Deficiency account, balance transferred . . . . .	1,003 63
	<u>\$9,903 63</u>

## Receipts:—

Cash, received of Edison Electric Illuminating Co., grounding wires . . . . .	\$250 00	
New England Oil Co., fire alarm box . . . . .	150 91	
Hill & Holt, fire alarm box . . . . .	18 30	
		<u>419 21</u>
		<u>\$10,322 84</u>

## DEBIT.

## (Expenditures.)

Cash, paid Melvin F. Underwood, salary as commissioner of electric lines and lights . . . . .	\$1,300 00
disbursements . . . . .	28 30
Laborers . . . . .	5,378 18
American Express Co., expressing . . . . .	8 15
American Steel & Wire Co., wire . . . . .	211 16
F. C. Ayer, lumber . . . . .	13 30
D. J. Bennett, repairing . . . . .	49 15
Charles E. Berry, drills . . . . .	6 05
W. H. Bullard, soap, etc. . . . .	1 45
John F. Biggs & Co., booklets . . . . .	57 00
Cameron Appliance Co., castings, etc. . . . .	31 00
Chandler & Farquhar, tools, etc. . . . .	32 04
Clifton Mfg. Co., tape . . . . .	25 55
Amount carried forward . . . . .	<u>\$7,141 33</u>



Amount brought forward . . . . .	\$7,141 33	
S. H. Couch Co., electrical supplies . . . . .	11 64	
Chase-Shawmut Co., bases, etc. . . . .	11 76	
Commercial Brewing Co., steam for whistle . . . . .	30 00	
Copithorne Brothers, supplies . . . . .	2 35	
Davenport-Brown Co., red birch . . . . .	81	
Electric Goods Mfg. Co., supplies . . . . .	91 12	
Electrocraft Publishing Co., subscrip- tion . . . . .	1 00	
Fred W. Farrar, repairing . . . . .	1 50	
Fresh Pond Ice Co., ice . . . . .	4 74	
Fellows & Co., lumber . . . . .	5 00	
Gamewell Fire Alarm Telegraph Co., supplies . . . . .	1,464 77	
Thomas W. Gleeson, repairing . . . . .	3 00	
Globe Gas Light Co., supplies . . . . .	45	
Gilman Express Co., expressing . . . . .	1 95	
Hanson's Express, expressing . . . . .	4 56	
Jim Hodder & Brothers, blankets, etc. . . . .	13 02	
Hill & Holt, use of auto . . . . .	21 20	
Mathias Hart Co., gloves . . . . .	6 00	
O. L. Hill, Agent, use of auto . . . . .	11 25	
Jameson Brothers, use of horse . . . . .	22 98	
J. A. Kiley, repairing . . . . .	126 50	
Howard Lowell & Son, use of horse . . . . .	14 79	
D. McDonald, sundries . . . . .	11 30	
Charles F. Mills, glasses . . . . .	26 00	
New England Telephone & Telegraph Co., service poles, etc. . . . .	79 71	
New York Insulated Wire Co., wire . . . . .	224 92	
New American House, dinners . . . . .	12 00	
Charles E. Perry & Co., register paper . . . . .	53 57	
W. E. Plumer & Co., supplies . . . . .	10 82	
J. B. Rufer, clipping . . . . .	53 85	
A. G. Renner, expressing . . . . .	8 74	
Rufer & Creamer, board of horse . . . . .	10 00	
Somerville Journal Co., printing . . . . .	11 00	
Somerville Post-office, postage . . . . .	5 00	
R. M. Sturtevant & Co., use of horse . . . . .	9 00	
Thorpe's Express, expressing . . . . .	4 50	
Underhill Hardware Co., hardware . . . . .	105 97	
Samuel Ward Co., diaries, etc. . . . .	5 85	
Asahel Wheeler Co., paint, etc. . . . .	32 95	
Western Electric Inst. Co., repairing . . . . .	106 47	
Waterbury Battery Co., renewals . . . . .	140 60	
	<hr/>	
	\$9,903 97	
Fire Department account, board of horses . . . . .	300 00	
Police Department account, hay and oats . . . . .	118 87	
	<hr/>	
		\$10,322 84

### Electrical Department, Underground Construction.

#### CREDIT.

Balance from 1907 . . . . .	\$1,292 17
Appropriations, from Funded Debt, 1908 . . . . .	3,000 00
	<hr/>
	\$4,292 17
Balance to credit of account, 1909 . . . . .	3,171 87
	<hr/>
	\$1,120 30

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$853 00	
American Steel & Wire Co., wire . . .	11 66	
Charles E. Berry, labor on boxes . . .	8 44	
Electric Goods Mfg. Co., supplies . . .	28 52	
Gamewell Fire Alarm Telegraph Co., supplies . . . . .	146 35	
Mitchell Mfg. Co., letters and figures . .	95	
Wesley A. Maynard, advertising . . .	4 00	
New York Insulated Wire Co., wire . . .	63 78	
Thorpe's Express Co., expressing . . .	3 60	
		<u>\$1,120 30</u>

**Excess and Deficiency.**

## CREDIT.

Balance from 1907 . . . . .	\$3,715 38
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## DEBIT.

Printing and Stationery account, amount transferred . . . . .	\$1,500 00	
Contingent Fund account, amount trans- ferred . . . . .	2,215 38	
		<u>\$3,715 38</u>

## CREDIT.

## Balances of 1908 accounts:—

Assessors . . . . .	\$240 03
City Auditor . . . . .	10 11
City Clerk . . . . .	205 26
City Engineer . . . . .	12
City Messenger . . . . .	65 77
City Solicitor . . . . .	63 38
City Treasurer . . . . .	382 94
Election Expenses:—	
City Clerk . . . . .	392 10
Pay of Election Officers . . . . .	27 00
Registrars of Voters . . . . .	126 88
Executive Department . . . . .	39 52
Health Department:—	
Contagious Disease Hospital . . . . .	4,077 46
Medical Inspection in Public Schools . . . . .	88 25
Highways, Watering Streets . . . . .	1,996 18
Inspection of Buildings . . . . .	63 66
Interest . . . . .	2,067 97
Military Aid . . . . .	360 00
Police . . . . .	1,290 46
Printing and Stationery . . . . .	264 94
Public Library . . . . .	1 46
Public Library, West Somerville Branch . . . . .	1 65
Reduction of Funded Debt . . . . .	6,185 02
Sealer of Weights and Measures . . . . .	9 53
Sewers, Maintenance . . . . .	1 05
Amount carried forward . . . . .	<u>\$17,965 74</u>

Amount brought forward . . . . .	\$17,965 74
Sidewalks, Maintenance . . . . .	1,007 68
Support of Poor, City Home . . . . .	796 23
Suppression of Elm Leaf Beetle . . . . .	1 55
	<hr/>
	\$19,771 20
Balance to credit of account, 1909 . . . . .	11,256 80
	<hr/>
	\$8,514 40

## DEBIT.

Balances of 1908 accounts:—	
Contingent Fund . . . . .	\$5 12
Election Expenses:—	
Commissioner of Public Buildings . . . . .	359 78
Electrical Department . . . . .	1,003 63
Fire Department . . . . .	170 97
Health Department . . . . .	2,380 29
Collection of Ashes and Offal . . . . .	748 97
Public Buildings Maintenance:—	
City Buildings . . . . .	1,052 94
Fire Department . . . . .	107 22
Janitors' Salaries . . . . .	755 44
Schoolhouses . . . . .	260 35
Public Grounds . . . . .	49 99
School Contingent . . . . .	102 38
Soldiers' Relief . . . . .	611 77
Support of Poor, Miscellaneous . . . . .	649 14
Suppression of Gypsy and Brown-tail Moths . . . . .	256 41
	<hr/>
	\$8,514 40

**Executive Department.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$4,000 00
Excess and Deficiency account, balance transferred . . . . .	39 52
	<hr/>
	\$3,960 48

## DEBIT.

## (Expenditures.)

Cash, paid Charles A. Grimmons, salary as mayor . . . . .	\$2,500 00
Fred E. Warren, secretary to the mayor, American Express Co., expressing . . . . .	1,300 00
W. A. Greenough & Co., directory . . . . .	25
New England Telephone & Telegraph Co., service . . . . .	4 00
Somerville Journal Co., printing . . . . .	66 29
Somerville Post-office, envelopes . . . . .	9 00
Sprague & Hathaway Co., framing . . . . .	44 40
Underwood Typewriter Co., ribbon . . . . .	4 53
Samuel Ward Co., stationery . . . . .	2 00
	30 01
	<hr/>
	\$3,960 48

**Fire Department.**

CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$38,000 00
Water Works Income account, amount appropriated . . . . .	38,000 00
Overlay and Abatement account, amount transferred . . . . .	1,700 00
Excess and Deficiency account, balance transferred . . . . .	170 97
	<hr/>
	\$77,870 97
Stock and labor billed other departments:—	
Electrical Department account, board of horses . . . . .	300 00
Receipts:—	
Cash, received of City Treasurer, fines . . . . .	\$1,277 00
Harry Fine & Co., hose . . . . .	21 83
Gerald B. Doyle, ringing false alarm . . . . .	5 00
	<hr/>
	1,303 83
	<hr/>
	\$79,474 80

DEBIT.

(Expenditures.)

Cash, paid James R. Hopkins, salary as chief engineer . . . . .	\$2,000 00
disbursements . . . . .	22 20
Edward W. Ring, assistant engineer . . . . .	1,455 00
Permanent firemen and substitutes . . . . .	\$43,643 74
(Cash) . . . . .	3 10
	<hr/>
	43,640 64
Callmen:—	
Steamer Co. No. 1 . . . . .	1,455 98
Steamer Co. No. 2 . . . . .	1,664 74
Steamer Co. No. 4 . . . . .	1,247 73
Steamer Co. No. 6 . . . . .	1,053 26
Hose Co. No. 2 . . . . .	1,400 00
Hose Co. No. 3 . . . . .	1,417 91
Hose Co. No. 5 . . . . .	1,276 31
Hose Co. No. 7 . . . . .	741 10
Hook and Ladder Co. No. 1 . . . . .	1,943 64
Hook and Ladder Co. No. 2 . . . . .	2,240 13
J. H. Edwards, horseshoeing . . . . .	237 25
George W. Ladd, horseshoeing . . . . .	95 50
George McDormand, horseshoeing . . . . .	113 10
Edward O'Brien, horseshoeing . . . . .	88 65
Pearl Street Shoeing Forge, horseshoeing . . . . .	147 30
John B. Rufer, horseshoeing . . . . .	395 10
J. H. Thompson, horseshoeing . . . . .	44 00
Harry Tobin, horseshoeing . . . . .	59 60
I. B. Walker, horseshoeing . . . . .	168 95
Margaret E. Calvert, washing . . . . .	190 25
Mrs. I. C. Jackson, washing . . . . .	135 92
Mrs. W. Loveland, washing . . . . .	49 25
A. M. Spike, washing . . . . .	31 13
Mrs. E. F. Trefren, washing . . . . .	41 25
American Express Co., expressing . . . . .	7 63
American La France Fire Engine Co., repairing . . . . .	157 01
George A. Ayer, brooms . . . . .	28 50
	<hr/>
Amount carried forward . . . . .	\$63,554 03



Amount brought forward . . . . .	\$63,554 03
Ame & Co., food . . . . .	17 50
American Radiator Co., valves . . . . .	2 93
F. W. Barry, Beale & Co., stationery . . . . .	13 45
D. J. Bennett, repairing . . . . .	137 55
John Binney & Son, rope . . . . .	2 48
Boston Coupling Co., repairing . . . . .	1,026 63
H. A. Brownell, repairing . . . . .	20 00
Charles E. Berry, repairing . . . . .	625 45
Boston Suburban Express & Parcel Co., expressing . . . . .	1 45
Braman, Dow & Co., steamfitting . . . . .	11 10
A. & E. Burton Co., brushes . . . . .	22 00
Henry K. Barnes, lanterns, etc. . . . .	30 25
James M. Berry, horse medicine . . . . .	5 00
Boston Nickel Plating Co., plating . . . . .	14 35
Edward H. Barter, repairing clock . . . . .	1 50
W. H. Bullard, supplies . . . . .	11 55
Edward A. Binney, insurance . . . . .	20 40
S. W. Bennett, clock . . . . .	14 25
W. H. Broderick, services . . . . .	2 00
Barbour, Stockwell Co., brake shoes . . . . .	3 36
C. Callahan & Co., supplies . . . . .	64 75
G. W. Cutter, insignia . . . . .	48 20
Combination Ladder Co., hose . . . . .	75 00
Commonwealth Oil Co., soap . . . . .	26 74
Crosby Steam Gage & Valve Co., re- pairing . . . . .	5 35
Joseph A. Cribby, services . . . . .	50 00
Combination Ladder Co. & Rhode Island Coupling Co., hose . . . . .	260 00
Cornelius Callahan Co., hose . . . . .	303 50
Jackson Caldwell & Co., use of horses . . . . .	10 00
C. C. C. Fire Hose Co., hose . . . . .	480 00
Cotter's Express, expressing . . . . .	65
Cambridge Ice Co., ice . . . . .	33 40
John L. Crafts, supplies for apparatus . . . . .	66 50
Julian D'Este & Co., supplies . . . . .	2 25
Dennison Mfg. Co., tags and twine . . . . .	2 83
H. I. Dallman & Co., brushes . . . . .	24 00
J. A. Dow, dentistry . . . . .	25 00
Eastern Drug Co., drugs . . . . .	39 74
J. Wesley Edmonds & Son, polish . . . . .	33 66
Eureka Fire Hose Mfg. Co., hose . . . . .	260 00
Samuel Eastman & Co., spanners . . . . .	225 00
Edson Mfg. Co., bell . . . . .	13 00
F. E. Fitts Mfg. & Supply Co., supplies . . . . .	46 47
Fellows & Co., lumber . . . . .	6 00
Fire & Water Engineering Co., sub- scription . . . . .	3 00
G. M. Fogg Remedy Co., horse medi- cine . . . . .	6 00
Firestone Tire & Rubber Co., tire . . . . .	92 75
Fresh Pond Ice Co., ice . . . . .	29 30
Gilman Express Co., expressing . . . . .	10 85
Glines & Co., expressing . . . . .	16 44
George E. Grover, medicine . . . . .	3 00
W. A. Greenough & Co., directories . . . . .	16 00
Gamewell Fire Alarm Telegraph Co., gong . . . . .	50 00
Amount carried forward . . . . .	<hr/> \$67,866 61

Amount brought forward . . . . .	\$67,866 61
Charles T. Garland, use of horses . . . . .	18 00
Hale & Mayhew Co., repairing . . . . .	62 30
J. M. Hardy, casting . . . . .	1 50
Henry S. Harris & Son, sharpening, etc., . . . . .	330 25
Henry S. Harris' Sons, horses . . . . .	1,321 48
S. D. Hicks & Son, repairing . . . . .	15 17
Jim Hodder & Brothers, spreads . . . . .	73 10
R. Hull, oil . . . . .	106 53
Hill & Hill, curry combs, etc. . . . .	26 00
W. G. Hallock, dusters . . . . .	22 00
Harral Soap Co., powder . . . . .	13 45
Hill & Holt, grinding and use of auto . . . . .	16 75
Thomas Hollis Co., drugs . . . . .	8 00
W. S. Howe, repairing . . . . .	5 50
J. W. Howard, repairing badge . . . . .	1 00
Henderson Brothers, wagon and tires . . . . .	165 00
Industrial Department, mops . . . . .	18 00
Johnson & Merhoff Co., badges . . . . .	8 00
J. A. Kiley, repairing . . . . .	532 25
F. W. Kimball, lumber . . . . .	23 98
Knox & Morse Co., disinfectant . . . . .	30 75
Lord & Webster, hay and straw . . . . .	1,392 53
J. G. Lesure, medicine . . . . .	29 33
Little, Brown & Co., law books . . . . .	2 00
Locomobile Co., siren horn . . . . .	18 75
Martin & Wood, repairing . . . . .	3 55
D. McDonald, repairing . . . . .	36 65
C. W. H. Moulton & Co., shavings . . . . .	308 02
Marine Torch Co., torches . . . . .	13 00
Mitchell Mfg. Co., badges . . . . .	14 25
Mathieson Alkali Works, soda . . . . .	70 56
Frank P. Merrill Co., nutroton . . . . .	19 50
New England Telephone & Telegraph Co., service and tolls . . . . .	196 93
George W. Norton, soap . . . . .	36 58
National Chemical Co., ink . . . . .	1 00
A. O. Norton, jack . . . . .	16 50
Fulton O'Brion, oats, etc. . . . .	1,104 35
James W. O'Neil, repairing . . . . .	18 60
H. H. Osgood & Co., squilgees . . . . .	15 00
W. E. Plumer & Co., hardware . . . . .	3 70
Proctor Brothers, oats . . . . .	2,492 34
Perham's Express, expressing . . . . .	95
Perkins Chemical Co., No Dust . . . . .	8 00
A. M. Prescott, use of horses . . . . .	6 00
Hobart S. Palmer, use of horses . . . . .	15 00
Henry D. Padelford, medicine . . . . .	2 30
The Pyrene Co., extinguishers . . . . .	72 00
John B. Rufer, repairing . . . . .	525 75
A. G. Renner, expressing . . . . .	30
H. B. Ruggles, grinder . . . . .	12 50
Robb-Mumford Boiler Co., repairing . . . . .	44 15
J. F. Reichhard Co., soap powder . . . . .	14 85
Charles R. Simpson, services . . . . .	110 50
E. S. Sparrow & Co., hardware . . . . .	23 86
Standard Extinguisher Co., extin- guishers . . . . .	111 35
Somerville Journal Co., printing . . . . .	4 00
Scoville Mfg. Co., buttons . . . . .	13 50
Amount carried forward . . . . .	<hr/> \$77,423 77

Amount brought forward . . . .	\$77,423 77	
Somerville Post-office, stamps . . . .	10 00	
Sartwell, Heinhold & Co., soap . . . .	12 00	
Stilphen's Express, expressing . . . .	30	
Shea Lubricator Co., lubricator . . . .	6 00	
Smith-Premier Typewriter Co., repair- ing . . . .	95	
Thorpe's Express, expressing . . . .	1 35	
Nathan Tufts & Sons, grain . . . .	608 65	
Underhill Hardware . . . .	70 05	
Charles L. Underhill, iron work . . . .	7 00	
Union Glass Co., glass tube . . . .	1 00	
Union Vault & Safe Co., safe . . . .	35 00	
Harry Van Iderstine, insurance . . . .	4 38	
Wellington-Wild Coal Co., fuel . . . .	125 89	
William J. Wiley, rope . . . .	9 10	
L. A. Wright, repairing . . . .	26 85	
Whitney & Snow, hardware . . . .	24 44	
Welch & Hall Co., horses . . . .	798 45	
Asahel Wheeler Co., oil, etc. . . .	129 75	
A. J. Wilkinson & Co., tools . . . .	2 52	
Welch, Dwyer & Grady, repairing . . . .	8 50	
West Disinfecting Co., liquid soap . . . .	73 85	
Charles A. G. Winther, landing mats . . . .	63 00	
Oliver Whyte Co., baskets . . . .	27 00	
		<u>\$79,474 80</u>

**Fire Department, Additional Apparatus.**

## CREDIT.

Balance from 1907 . . . . .	\$34 55
Appropriations, from Funded Debt, 1908 . . . . .	3,500 00
Public Buildings Construction, Bath House account, amount transferred . . . . .	1,000 00
	<u>\$4,534 55</u>
Balance to credit of account, 1909 . . . . .	59 55
	<u>\$4,525 00</u>

## DEBIT.

## (Expenditures.)

Cash, paid American La France Fire Engine Co., gong . . . . .	\$25 00	
Combination Ladder Co. & Rhode Island Coupling Co., two combination chemical engine and hose wagons . . . . .	4,500 00	
		<u>\$4,525 00</u>

**Funded Debt.**

## CREDIT.

Funded Debt, January 1, 1908 . . . . .	\$1,503,000 00
Issue of 1903:—	
City Loan Bonds Nos. 3646 to 3725 . . . . .	\$80,000 00
Sewer Loan Bonds Nos. 439 to 463 . . . . .	30,000 00
	<u>110,000 00</u>
	<u>\$1,613,000 00</u>

## DEBIT.

\*Bonds matured in 1908:—

City Loan Bond No. Reg. 113 . . .	\$9,000 00
City Loan Bond No. Reg. 14 . . .	2,000 00
City Loan Bonds Nos. 3510 to 3518 . . .	9,000 00
City Loan Bonds Nos. 1692 to 1694, 1696 to 1697 . . . . .	5,000 00
City Loan Bond No. Reg. 177 . . .	1,000 00
City Loan Bonds Nos. 1948 to 1962 . . .	15,000 00
City Loan Bonds Nos. 2156 to 2163 . . .	8,000 00
City Loan Bonds Nos. 2321 to 2325 . . .	5,000 00
City Loan Bonds Nos. 2457 to 2465 . . .	9,000 00
City Loan Bonds Nos. 2578 to 2584 . . .	7,000 00
City Loan Bonds Nos. 2706 to 2715 . . .	10,000 00
City Loan Bonds Nos. 2826 to 2832 . . .	7,000 00
City Loan Bonds Nos. 2943 to 2951 . . .	9,000 00
City Loan Bonds Nos. 3056 to 3064 . . .	9,000 00
City Loan Bonds Nos. 3217 to 3224 . . .	8,000 00
City Loan Bond No. 3225 . . . . .	500 00
City Loan Bonds Nos. 3436 to 3443 . . .	8,000 00
City Loan Bonds Nos. 3153 to 3159 . . .	2,000 00
Sewer Loan Bond No. Reg. 131 . . .	1,000 00
Sewer Loan Bond No. Reg. 18 . . .	2,000 00
Sewer Loan Bond No. 67 . . . . .	1,000 00
Sewer Loan Bond No. 184 . . . . .	1,000 00
Sewer Loan Bond No. 208 . . . . .	1,000 00
Sewer Loan Bond No. 230 . . . . .	1,000 00
Sewer Loan Bond No. 259 . . . . .	1,000 00
Sewer Loan Bond No. 283 . . . . .	1,000 00
Sewer Loan Bond No. 307 . . . . .	1,000 00
Sewer Loan Bond No. 360 . . . . .	1,000 00
Sewer Loan Bond No. 50 . . . . .	1,000 00
Sewer Loan Bonds Nos. 120 to 122 . . .	3,000 00
Paving Loan Bonds Nos. 76 to 80 . . .	5,000 00
Water Loan Bond No. 292 . . . . .	1,000 00
Water Loan Bond No. 459 . . . . .	1,000 00
Water Loan Bond No. Reg. 101 . . .	3,000 00
Water Loan Bonds Nos. 453 to 459 . . .	2,000 00
Metropolitan Park Assessment Loan Bond No. 6 . . . . .	1,000 00
	<hr/>
	\$151,500 00
Present Funded Debt, balance of account .	1,466,500 00
	<hr/>
	\$1,618,000 00

**Grade Crossings.**

## CREDIT.

Sewers, Construction account, amount transferred . . .	\$1,000 00
Balance to debit of account, 1909 . . . . .	32,879 52
	<hr/>
	\$33,879 52
Balance from 1907 . . . . .	169 80
	<hr/>
	\$33,709 72



## DEBIT.

## (Expenditures.)

Cash, paid Bacon & Burpee, stenographer .	\$17 43	
Edward A. Binney, appraising property .	122 50	
Edward Coliten, settlement of claim .	2,536 66	
Patrick Campbell, settlement of land damages, etc. . . . .	807 36	
Martin F. Flaherty, settlement of claim .	807 36	
Ellen L. Holloran, settlement of land damages, etc. . . . .	807 36	
Eugene H. Jones, photos . . . . .	97 50	
Frank W. Kaan, services as special counsel, expenses, etc. . . . .	1,372 88	
Mary Lynch, settlement of land damages, Margaret Lynch, settlement of land damages, etc. . . . .	857 36	
Mary A. McKenna, settlement of land damages, etc. . . . .	2,033 53	
Ellen McCarthy, settlement of land damages, etc. . . . .	807 36	
Henry McAvoy, settlement of land damages, etc. . . . .	807 36	
Thomas F. McCarthy, et al., settlement of claim . . . . .	6,104 90	
I. W. Rollins, Jr., expert testimony .	1,613 54	
Catherine White, claims for damages to estates . . . . .	75 00	
Harry Van Iderstine, property appraising . . . . .	14,719 12	
	122 50	
	<hr/>	
		<u>\$33,709 72</u>

**Health Department.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$8,000 00	
Excess and Deficiency account, balance transferred . . . . .	2,380 29	
	<hr/>	
		\$10,380 29
Commonwealth of Massachusetts, care of patients . . . . .		302 62
Receipts:—		
Cash, received of J. E. Richardson, milk inspector's fees . . . . .	\$147 18	
William P. Mitchell, permits to keep swine . . . . .	61 00	
City of Newton, care of patient . . . . .	8 00	
City of Cambridge, care of patient . . . . .	1 00	
Town of West Boylston, care of patient, George M. Harding and John Casey, board . . . . .	19 43	
Robert Wattie, use of ambulance . . . . .	5 00	
W. S. Furbush, machine . . . . .	5 00	
Vincenzio Di Cecca, professional call . . . . .	1 00	
Nicholas A. Baldwin, board . . . . .	4 29	
	<hr/>	
		256 90
		<hr/>
		\$10,939 81

## DEBIT.

## (Expenditures.)

Cash, paid Caleb A. Page, salary as agent .	\$1,500 00
disbursements . . . . .	19 90
Sundry persons, burying dead animals .	183 75
Frank L. Morse, M. D., salary as medical inspector . . . . .	1,400 00
visits to dangerous cases . . . . .	342 00
Charles M. Berry, salary as inspector of animals and provisions . . . . .	1,100 00
Julius E. Richardson, salary as milk inspector . . . . .	1,100 00
disbursements . . . . .	11 63
M. W. White, M. D., salary as medical inspector of parochial school . . . . .	100 00
Mary E. Ayer, nursing . . . . .	30 00
American Express Co., expressing . . . . .	11 90
D. J. Bennett, repairing . . . . .	13 70
H. E. Bowman, medicine . . . . .	25 13
Walter S. Barnes & Son, boxes . . . . .	8 75
James Bartley, groceries . . . . .	2 00
Boston Association for the Relief and Control of Tuberculosis, tuberculosis exhibit . . . . .	68 55
Bosworth Optical Co., operating at exhibit . . . . .	10 00
J. H. Brooks, cleaning blankets . . . . .	2 00
Bausch & Lomb Optical Co., refractometer . . . . .	105 29
Boston City Hospital, care of patients . . . . .	624 30
Edward Coliten & Son, groceries . . . . .	67 40
Cambridge Ice Co., ice . . . . .	22 54
Commonwealth of Massachusetts, care of patients . . . . .	188 80
City of Boston, care of patients . . . . .	821 43
City of Quincy, care of patients . . . . .	57 69
Claude Curtis, delivering cultures . . . . .	80
M. E. Decrow, expressing . . . . .	12 00
Paul S. Eaton, delivering cultures . . . . .	70
Electric Goods Mfg. Co., supplies . . . . .	81
Edwards, The Druggist, medicine, etc. . . . .	5 80
Edward Edwards, medicine, etc. . . . .	32 40
Eimer & Amend, test bottles . . . . .	3 40
Fox, Fultz & Co., bottles and corks . . . . .	5 60
F. W. Gay, delivering cultures . . . . .	1 70
Charles F. Giles, groceries . . . . .	92 00
Gilman Express Co., expressing . . . . .	45
Thomas Groom & Co., stationery . . . . .	39 00
Gilman Brothers, sulphuric acid . . . . .	3 00
A. C. Gordon, signs . . . . .	6 00
Percy A. Hall, delivering cultures . . . . .	7 90
R. Hull, oil . . . . .	65
R. Hart, delivering cultures . . . . .	30
Jaynes Drug Co., alcohol . . . . .	15 15
Library Bureau, index cards . . . . .	8 83
Martin & Wood, repairing . . . . .	24 00
A. B. McIntosh, repairing . . . . .	3 25
Melvin & Badger, formaldehyde . . . . .	7 25
Amount carried forward . . . . .	<hr/> \$8,087 75

Amount brought forward . . . . .	\$8,087 75	
Wesley A. Maynard, printing . . . . .	12 70	
Massachusetts Agricultural Experimental Station, testing . . . . .	1 80	
Massachusetts State Sanitarium, care of patients . . . . .	75 80	
City of New York, Department of Health, treatment of rabies . . . . .	25 00	
New England Telephone & Telegraph Co., service . . . . .	105 76	
North Packing & Provision Co., pro- visions . . . . .	60 00	
R. G. Perkins, medicine . . . . .	1 30	
A. P. Rockwood, board of horse, etc. . . . .	427 00	
Somerville Post-office, postage and box rent . . . . .	36 24	
Schieffelin & Co., drugs . . . . .	44 55	
Schlegal, Fottler Co., tongue depressors, Somerville Journal Co., printing . . . . .	2 20	
Thorpe's Express, expressing . . . . .	108 90	
Thorp & Martin Co., card index, etc. . . . .	2 30	
Harry Tobin, horseshoeing . . . . .	26 87	
T. H. Thomas Co., tubing . . . . .	21 25	
Wellington-Wild Coal Co., coal and wood . . . . .	11 68	
Whitall, Tatum Co., culture tubes . . . . .	18 30	
Whitney & Snow, tacks, etc. . . . .	9 35	
	1 05	
	<hr/>	
	\$9,079 80	
Health Department, Contagious Disease Hospital account, care of patients . . . . .	1,860 01	
	<hr/>	
		\$10,939 81

### Health Department, Collection of Ashes and Offal.

#### CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$43,000 00
Overlay and Abatement account, amount transferred . . . . .	6,000 00
Excess and Deficiency account, balance transferred . . . . .	748 97
	<hr/>
	\$49,748 97

#### Receipts:—

Cash, received of sundry persons, offal . . . . .	\$6,246 72
Charles S. Butters, offal . . . . .	188 25
W. H. Heustis, offal . . . . .	643 00
A. G. Loker, offal . . . . .	64 50
L. Slade, offal . . . . .	249 00
E. A. Foster, offal . . . . .	138 75
M. Silverman, rags and paper . . . . .	332 51
Hamburger Brothers, paper . . . . .	47 07
J. Ryan & Son, manure . . . . .	30 00
Paul N. Raymond Co., paper . . . . .	35 75
	<hr/>
	7,975 55

#### Stock and labor billed other departments:—

Support of Poor, City Home account, offal . . . . .	287 50
	<hr/>
	\$58,012 02

## DEBIT.

(Expenditures.)

Cash, paid Edgar T. Mayhew, salary as superintendent . . . . .	\$1,300 00	
Laborers . . . . .	44,784 75	
Thomas Allen, teaming . . . . .	10 00	
D. J. Bennett, repairing harnesses . . . . .	890 64	
H. E. Brownell, horse medicine . . . . .	2 45	
Joseph Breck & Sons, manure forks . . . . .	18 23	
J. A. Durell, shovels, etc. . . . .	68 82	
J. H. Edwards, shoeing . . . . .	51 13	
Charles L. Ellis, hay . . . . .	166 08	
John Fisher & Co., tubs . . . . .	19 20	
Thomas Groom & Co., stationery . . . . .	19 05	
A. C. Gordon, sign . . . . .	6 00	
Hale & Mayhew Co., repairing . . . . .	420 35	
William T. Kilmartin, teaming . . . . .	60 00	
G. W. Ladd, shoeing . . . . .	189 70	
Lord & Webster, hay and straw . . . . .	931 96	
Howard Lowell & Son, teaming . . . . .	10 00	
George McDormand, shoeing . . . . .	216 88	
Wesley A. Maynard, printing . . . . .	7 50	
New England Telephone & Telegraph Co., service . . . . .	72 55	
Fulton O'Brien, hay and grain . . . . .	2,240 49	
Edward O'Brien, shoeing . . . . .	304 39	
Proctor Brothers, oats . . . . .	1,739 34	
Shepard, Clark & Co., sponges, etc. . . . .	42 50	
Charles R. Simpson, V. S., services . . . . .	68 00	
Walter H. Snow, catering . . . . .	18 75	
J. H. Thompson, teaming and board of horse . . . . .	428 84	
Nathan Tufts & Sons, oats, etc. . . . .	724 50	
Fred D. Wyman, hay . . . . .	177 05	
I. B. Walker, repairing and shoeing . . . . .	904 30	
L. A. Wright, repairing . . . . .	79 00	
Whitney & Snow, hardware . . . . .	67 72	
Welch & Hall, horse . . . . .	312 50	
	<hr/>	
	\$56,352 67	
Highways, Maintenance account, teaming . . . . .	1,659 35	
	<hr/>	
		\$58,012 02

**Health Department, Contagious Disease Hospital.**

## CREDIT.

Balance from 1907 . . . . .	\$935 00	
Appropriations, from Taxes, 1908 . . . . .	1,000 00	
Health Department, Contagious Disease Hospital, Accounts for Collection account, amount transferred . . . . .	1,956 43	
	<hr/>	\$3,891 43
Receipts:—		
Commonwealth of Massachusetts, care of patients . . . . .	999 93	
Health Department, care of patients . . . . .	1,860 01	
Cash, received of City of Boston, care of patients . . . . .	\$899 99	
City of Medford, care of patients . . . . .	483 86	
	<hr/>	
Amounts carried forward . . . . .	\$1,383 85	\$6,751 42



Amounts brought forward . . . .	\$1,383 85	\$6,751 42
City of Malden, care of patients . .	167 14	
City of Cambridge, care of patients .	484 28	
City of Lynn, care of patients . . .	94 29	
City of Chelsea, care of patients . .	33 57	
City of Woburn, care of patients . .	45 00	
Town of Canton, care of patients . .	47 14	
Town of Rockland, care of patients .	111 43	
Town of Arlington, care of patients .	57 14	
Town of Watertown, care of patients .	60 71	
Boston City Hospital, care of patients .	752 15	
Sundry persons, care of patients . .	1,191 03	
	<hr/>	4,432 73
		<hr/>
		\$11,184 15
Excess and Deficiency account, balance transferred . . .		4,077 46
		<hr/>
		\$7,106 69

## DEBIT.

## (Expenditures.)

Cash, paid Nellie J. Van Cor, matron . .	\$800 00
incidental expenses . . . . .	350 00
Nurses and assistants . . . . .	3,290 24
Joseph Breck & Sons, bulbs . . . . .	4 35
Batchelder & Lincoln, slippers, etc. . .	5 75
C. J. Bailey & Co., rubber goods . . .	31 39
George W. Bentley Co., malted milk . .	2 00
Boston Y. W. C. A., furnishing nurse .	1 50
J. H. Brooks, blankets . . . . .	8 50
Cambridge Ice Co., ice . . . . .	62 64
A. P. Chronquest, nursing . . . . .	20 00
Carter, Rice & Co., paper . . . . .	8 56
Carlisle-Ayer Co., lumber . . . . .	10 20
Davenport-Brown Co., lumber . . . . .	63 19
C. C. Elliott, fish . . . . .	29 14
J. B. Fuller & Co., whiskey and brandy .	51 35
Willis S. Furbush & Co., medicine . .	48 49
George C. Frye, thermometers . . . .	2 00
Gilman Express Co., expressing . . . .	65
C. H. Goldthwaite & Co., supplies . . .	5 56
J. Frank Gear, tubes, etc. . . . .	9 10
Thomas Groom & Co., stationery . . . .	25
W. A. Greenough & Co., directory . . .	4 00
Martin L. Hall & Co., groceries . . . .	243 71
H. P. Hood & Sons, milk . . . . .	261 55
Hobbs & Warren Co., blanks . . . . .	1 00
I. N. Holman, repairing mower . . . .	3 00
F. J. Hopkins, fish . . . . .	19 04
Jordan Marsh Co., supplies . . . . .	62 14
Jones, McDuffee & Stratton, dishes . .	19 37
William Leavens & Co., furniture . . .	41 05
Lewis Mfg. Co., gauze . . . . .	11 78
Lincoln, Dillaway Co., oakum . . . . .	2 00
Frank L. Morse, M. D., tablets, etc. . .	4 82
M. A. Motschman, nursing . . . . .	21 00
Robert Miller & Co., laundry bags . . .	4 50
Charles F. Mills, carpentering . . . .	78 75
Melvin & Badger, drugs . . . . .	12 50
	<hr/>
Amount carried forward . . . . .	\$5,595 07

Amount brought forward . . . . .	\$5,595 07	
Thomas Macbeth, room rent . . . . .	1 50	
Wesley A. Maynard, printing . . . . .	3 25	
New England Telephone & Telegraph Co., service . . . . .	75 29	
National Biscuit Co., crackers . . . . .	3 52	
New England Mfg. Co., butter . . . . .	17 40	
George A. Odiorne Coat Co., camisole . . . . .	8 00	
Richardson, Wright & Co., furnishings . . . . .	105 50	
George L. Robinson, painting . . . . .	16 65	
John H. Pray & Sons Co., rugs . . . . .	12 50	
C. A. Smith, eggs, etc. . . . .	151 25	
E. S. Sparrow & Co., hardware . . . . .	57 07	
Leslie H. Steele, newspapers . . . . .	7 26	
C. L. Stevens, provisions . . . . .	624 54	
Schieffelin & Co., drugs . . . . .	20 20	
Somerville Journal Co., printing . . . . .	16 25	
Somerville Post-office, envelopes . . . . .	21 24	
Mrs. F. O. J. Tarbox, rent of room . . . . .	9 20	
Vincent Valente, olive oil . . . . .	3 00	
Samuel Ward Co., stationery . . . . .	11 49	
Wilson, Larrabee & Co., dry goods . . . . .	78 78	
George W. W. Whiting, operation . . . . .	50 00	
Asahel Wheeler Co., paint and oil . . . . .	19 32	
Women's Educational & Industrial Union, furnishing nurse . . . . .	7 20	
	<hr/>	
	\$6,915 48	
Somerville Hospital, care of patient . . . . .	35 00	
Support of Poor, City Home account, milk and produce . . . . .	156 21	
	<hr/>	
		<u>\$7,106 69</u>

### Health Department, Contagious Disease Hospital, Accounts for Collection.

## CREDIT.

Balance to debit of account, 1909 . . . . .	\$1,956 43
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## DEBIT.

Health Department, Contagious Disease Hospital ac- count, amount due on bills from City of Cambridge . . . . .	<u>\$1,956 43</u>
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### Health Department, Medical Inspection in Public Schools.

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$1,500 00
Excess and Deficiency account, balance transferred . . . . .	88 25
	<hr/>
	\$1,411 75

## DEBIT.

## (Expenditures.)

Cash, paid W. L. Bond, medical inspection . . . . .	\$200 00
Herbert Cholerton, medical inspection . . . . .	200 00
Edward J. Dailey, medical inspection . . . . .	183 34
	<hr/>
Amount carried forward . . . . .	\$583 34

Amount brought forward . . . . .	\$583 34	
D. S. Flewelling, medical inspection . . . . .	16 66	
R. F. Gibson, medical inspection . . . . .	200 00	
L. H. Raymond, medical inspection . . . . .	200 00	
Francis Shaw, medical inspection . . . . .	200 00	
H. M. Stoodley, medical inspection . . . . .	200 00	
Somerville Journal Co., printing . . . . .	11 75	
	<hr/>	<u>\$1,411 75</u>

**Highway Betterment Assessments.**

## CREDIT.

Cash, received of sundry persons . . . . .	\$8,212 27	
Highways, Construction account, abatements . . . . .	99 00	
Balance to debit of account, 1909 . . . . .	7,179 21	
	<hr/>	<u>\$15,490 48</u>

## DEBIT.

Balance from 1907 . . . . .	\$1,363 81	
Highways, Construction account, assessments levied . . . . .	14,126 67	
	<hr/>	<u>\$15,490 48</u>

**Highways, Construction.**

## CREDIT.

Appropriations, from Funded Debt, 1908 . . . . .	\$28,000 00	
Amounts transferred and unused:—		
Sidewalks, Construction account . . . . .	\$6,500 00	
Highways, Paved Gutters and Crossings . . . . .	2,101 89	
	<hr/>	8,601 89
		<u>\$19,398 11</u>
Stock and labor billed other departments:—		
Highways, Maintenance account, materials. . . . .	\$1,632 99	
Highways, Paved Gutters and Crossings account, blocks . . . . .	717 44	
	<hr/>	2,350 43
Charged to Highway Betterment Assessments account, assessments levied . . . . .	\$14,126 67	
less abatements . . . . .	99 00	
	<hr/>	14,027 67
		<u>\$35,776 21</u>
Balance to debit of account, December 31, 1907 . . . . .	\$1,922 51	
Balance to credit of account, 1909 . . . . .	2,099 80	
	<hr/>	4,022 31
		<u>\$31,753 90</u>

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$8,864 93	
F. C. Ayer, lumber . . . . .	5 04	
Barrett Mfg. Co., tarvia . . . . .	2,744 46	
	<hr/>	
Amount carried forward . . . . .	\$11,614 43	

Amount brought forward . . . . .	\$11,614 43	
J. H. Fannon, steps . . . . .	25 60	
G. S. Fletcher, photographs . . . . .	4 50	
Carrie E. Knight, taking of land . . . . .	500 00	
J. W. Howard, shrubs . . . . .	390 08	
S. & R. J. Lombard, flagging . . . . .	1,532 94	
Middlesex Registry of Deeds, recording . . . . .	60 85	
Wesley A. Maynard, printing . . . . .	20 50	
Massachusetts Broken Stone Co., crushed stone . . . . .	3,536 94	
Simpson Bros. Corporation, payments on account of contracts . . . . .	1,142 63	
Somerville Journal Co., printing . . . . .	89 00	
Miriam F. Vogler, land and fence . . . . .	630 50	
	<hr/>	
	\$19,547 97	
Highways, Maintenance account, use of city teams and materials . . . . .	11,213 14	
Highways, Paved Gutters and Crossings account, paving blocks . . . . .	774 14	
Highway Betterment Assessments, excess of assessment to Miriam F. Vogler . . . . .	63 49	
Public Grounds, sods . . . . .	145 16	
Sewers, Maintenance account, changing line, <hr/>	10 00	
		<hr/>
		\$31,753 90

**Highways, Maintenance.**

## CREDIT.

Commonwealth of Massachusetts:—		
Street Railway Tax . . . . .	\$40,400 47	
Boston Elevated Railway Tax . . . . .	9,010 15	
	<hr/>	
		\$49,410 62
Amount transferred to Sidewalks, Maintenance account		2,000 00
		<hr/>
		\$47,410 62
Balance to credit of account, 1909 . . . . .		5,613 98
		<hr/>
		\$41,796 64

## Receipts:—

Cash, received of sundry persons, labor and materials . . . . .	\$196 49	
Edison Electric Illuminating Co., labor . . . . .	530 98	
New England Telephone & Telegraph Co., labor . . . . .	351 26	
Boston Elevated Railway Co., repairs and use of roller . . . . .	617 40	
Commonwealth of Massachusetts, repairs . . . . .	119 38	
American Tube Works, constructing driveway . . . . .	355 45	
Sundry persons, constructing driveways . . . . .	57 00	
William P. Mitchell, sign . . . . .	1 50	
J. H. Fannon, stone, etc. . . . .	90 96	
George O. Proctor, horse . . . . .	40 00	
James P. McKenna, old iron . . . . .	22 65	
	<hr/>	
		2,383 07

## Stock and labor billed other departments:—

Highways, Construction account, teams . . . . .	\$11,213 14	
Health Department, Collection of Ashes and Offal account, city teams . . . . .	1,659 35	
	<hr/>	
Amounts carried forward . . . . .	\$12,872 49	\$44,179 71



Amounts brought forward . . . . .	\$12,872 49	\$44,179 71
Highways, Shade Trees account, city teams	37 80	
Highways, Paved Gutters and Crossings account, use of city teams . . . . .	2,544 75	
Highways, Watering Streets account, city teams . . . . .	1,241 00	
Public Grounds account, city teams . . . .	537 21	
Sewers, Construction account, city teams .	32 90	
Sewers, Maintenance account, labor and teams . . . . .	14 11	
Sidewalks, Construction account, teams . .	4,876 23	
Sidewalks, Maintenance account, teams . .	394 88	
Suppression of Brown Tail Moth account, labor . . . . .	77 70	
Suppression Elm Leaf Beetle account, labor	33 60	
Water, Maintenance account, city teams . .	94 67	
	<hr/>	\$22,757 34
		<hr/>
		\$66,937 05

## DEBIT.

## (Expenditures.)

Cash, paid Asa B. Prichard, salary as street commissioner . . . . .	\$2,000 00
Laborers . . . . .	40,718 34
F. C. Ayer, lumber . . . . .	278 74
American Express Co., expressing . . . .	5 50
T. Allen, sand . . . . .	57 00
Ashton Valve Co., cleaning roller . . . .	8 40
Abbott, Downing Co., hub for street sweeper . . . . .	17 25
American Broom Co., refilling brooms . .	71 40
Harold L. Bond Co., refilling brooms . . .	57 00
Herbert E. Bowman, medicines . . . . .	5 30
Buffalo Steam Roller Co., repairing rollers . . . . .	626 85
Barrett Mfg. Co., tarvia . . . . .	713 06
Charles E. Berry, cleaning roller . . . .	1 50
Bowers & Dewick, mittens . . . . .	4 40
Boston Belting Co., hose . . . . .	9 00
Jerry Buttmer, crushed stone . . . . .	158 41
Boston & Lockport Block Co., sheaves . .	2 10
Braman, Dow & Co., supplies . . . . .	1 16
Consumers Coal Co., fuel . . . . .	414 42
Cling Surface Co., cling surfaces . . . .	14 00
Charles A. Claflin & Co., belt lacings, etc.	99 03
G. S. Cheney Co., oil, etc. . . . .	9 93
Bessie L. L. Crosby, typewriting annual report . . . . .	1 50
Carlisle-Ayer Co., glass . . . . .	2 29
Villa T. Chipman, damage to chair, rug, etc. . . . .	20 00
Chandler & Farquhar Co., cotton waste .	21 06
Coggeshall Mfg. Co., tube cleaner, etc.	13 45
Jackson Caldwell & Co., stove and rugs .	22 50
R. W. Doe, plumbing . . . . .	23 19
Dodge, Haley & Co., nails . . . . .	130 40
Dunbar Bros. Co., springs . . . . .	3 48
	<hr/>
Amount carried forward . . . . .	\$45,510 66

Amount brought forward . . . . .	\$45,510 66
Davenport-Brown Co., sawing stock . . . . .	3 80
Thomas Damery, disbursements . . . . .	12 50
J. A. Durell, tar paper . . . . .	1 65
James C. Emerson, painting stock . . . . .	9 00
W. J. Emerson, rubber boots . . . . .	9 00
George Fletcher, photographs . . . . .	34 50
Walter W. Field, repairing crusher . . . . .	162 81
Freeman & Smith, horses . . . . .	500 00
J. H. Fannon, stone . . . . .	12 22
Farrell Foundry & Machine Co., rubber spring . . . . .	6 50
Thomas Groom & Co., books . . . . .	35 65
Glines & Co., expressing . . . . .	3 15
Gurney Heater Mfg. Co., thermometer . . . . .	1 00
Julia Graham, settlement of suit . . . . .	400 00
D. J. Greene & Co., sponges . . . . .	4 00
Good Roads Machinery Co., castings, etc. . . . .	29 55
E. J. Hervey Co., dynamite, etc. . . . .	243 39
E. J. Hervey, dynamite . . . . .	19 00
Hotel Westminster, dinners . . . . .	23 00
John Henderson, shoeing . . . . .	25
J. W. Howard, plants . . . . .	75
Thomas Hollis Co., drugs . . . . .	5 00
Hay Bros. Co., iron . . . . .	8 20
Hartford Steam Boiler Inspection and Insurance Co., insurance . . . . .	17 48
William Heffron, lumber . . . . .	8 77
E. C. Holton, sand . . . . .	93 50
Highland Coal Co., pipe and lime . . . . .	2 21
William H. Hitchings, veterinary services . . . . .	82 00
E. H. Jones, photographs . . . . .	5 00
George B. Jeffrey, loam . . . . .	7 00
J. A. Kiley, repairing wheels . . . . .	14 07
William Kirkland, ashes . . . . .	15 75
A. C. Libby & Sons, stationery . . . . .	22 55
George W. Ladd, horseshoeing . . . . .	5 40
Lord & Webster, hay . . . . .	973 35
Howard Lowell & Son, use of brake . . . . .	20 00
T. E. Littlefield, lumber . . . . .	37 08
Frank W. Leavitt, wagon . . . . .	250 00
P. J. Lennen, stone . . . . .	77 05
S. & R. J. Lombard, paving blocks . . . . .	40 75
George F. McKenna, horses . . . . .	275 00
Morgan & Bond, saddlery supplies . . . . .	783 83
Martin & Wood, sharpening saws . . . . .	1 30
John P. Martin, settlement of suit . . . . .	400 00
Blanche Martell, settlement of suit . . . . .	225 00
J. D. McLellan, salt . . . . .	2 40
Mary J. McCarthy, settlement for injuries . . . . .	160 00
Massachusetts Broken Stone Co., stone . . . . .	122 36
D. McDonald, repairing collars . . . . .	13 20
W. B. Mullen, sand . . . . .	1,408 40
George McDormand, horseshoeing . . . . .	2 51
H. L. McPherson, burning brands . . . . .	9 00
H. D. McGray, loam . . . . .	9 60
Charles E. Maxwell, horse . . . . .	175 00
Joseph Miller, tools, etc. . . . .	19 75
Amount carried forward . . . . .	\$52,319 89

Amount brought forward . . . . .	\$52,319 89
New England Telephone & Telegraph Co., service . . . . .	77 33
New England Oil Co., oil . . . . .	180 45
National Coal Tar Co., tarvia . . . . .	62 38
Norton & Co., hose . . . . .	15 00
New England Iron Works Co., wagon tank . . . . .	215 40
Fulton O'Brien, oats and corn . . . . .	2,075 86
Edward O'Brien, horseshoeing . . . . .	122 25
Michael O'Keefe, sand . . . . .	26 00
Perrin, Seamans Co., supplies . . . . .	131 13
Proctor Bros., grain . . . . .	2,927 28
Phelps Bros., hay . . . . .	360 56
W. E. Plumer & Co., brooms . . . . .	61 50
George H. Prescott, horse . . . . .	100 00
Priest, Page & Co., tee for wagon scale . . . . .	2 62
John M. Riley, gravel . . . . .	36 50
A. G. Renner, expressing . . . . .	30
John B. Rufer, shoeing . . . . .	3 25
Roberts Iron Works Co., repairing crusher . . . . .	14 80
Loring H. Raymond, M. D., professional services . . . . .	5 00
Fred Schumacher, stone . . . . .	67 53
R. C. Small & Co., wagon . . . . .	90 00
Simpson Bros. Corporation, repairing pavement . . . . .	28 50
Samson Draught Spring Co., springs and coils . . . . .	9 80
Abbie P. Simpson, damage to property by blasting . . . . .	235 53
Sprague & Hathaway Co., mounting map, etc. . . . .	2 10
Shepard, Clark & Co., brooms . . . . .	9 75
Somerville Journal Co., printing . . . . .	18 00
Somerville Post-office, stamps . . . . .	8 50
W. A. Smith, tools . . . . .	49 46
J. W. Staniford & Co., repairing levels . . . . .	8 50
Walter H. Snow, catering . . . . .	10 00
Shea Lubricator Co., lubricator . . . . .	15 10
Somerville Bulb Nursery, plants . . . . .	1 00
E. S. Sparrow & Co., hardware . . . . .	426 76
D. M. Smith, sleds . . . . .	126 00
George H. Sampson Co., pumps . . . . .	1 50
Parke Snow, oil cloth . . . . .	68
T. A. Sallaway, oil, turpentine, etc. . . . .	27 62
Albion Towle, board of horse . . . . .	293 86
Nathan Tufts & Sons, grain . . . . .	1,137 40
Underhill Hardware Co., hardware . . . . .	83 09
Valvoline Oil Co., oil . . . . .	145 74
Fred D. Wyman, hay and straw . . . . .	241 68
I. B. Walker, horseshoeing . . . . .	46 99
Asahel Wheeler Co., gold leaf . . . . .	81 75
Walworth Mfg. Co., supplies . . . . .	3 06
Whitney & Snow, hardware . . . . .	109 09
A. M. Wood Co., wagon stock . . . . .	145 80
Minnie C. Woodland, settlement of suit . . . . .	72 00
John Walker, oak plank . . . . .	40 00
Amount carried forward . . . . .	<u>\$62,274 29</u>

Amount brought forward . . . .	\$62,274 29
Oliver Whyte Co., screens . . . .	13 00
John M. Woods & Co., oak . . . .	63 19
Wadsworth, Howland & Co., crysolite .	1 00
Wellington-Wild Coal Co., fuel . . .	900 09
L. A. Wright, repairing cart . . . .	76 95
Waterman & Leavitt, signs . . . .	5 90
William J. Wiley, scoop, etc. . . . .	6 45
Elizabeth E. Walsh, settlement of claim	700 00

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\$64,040 87

Highways, Construction account, materials	1,632 99
Highways, Paved Gutters and Crossings account, paving blocks . . . . .	92 03
Sewers, Construction account, cement .	1,093 67
Sidewalks, Maintenance account, bricks .	13 85
Water, Maintenance account, pipe and fittings . . . . .	58 64

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\$66,937 05

### Highways, Paved Gutters and Crossings.

#### CREDIT.

Balance from 1907 . . . . .	\$573 71
Appropriations, from Funded Debt, 1908 . . . . .	12,000 00
Highways, Construction account, amount transferred .	2,101 89

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\$14,675 60

Stock and labor billed other departments:—

Highways, Maintenance account, blocks .	\$92 03
Highways, Construction account, blocks .	774 14
Sidewalks, Construction account, bricks .	15 00
Water, Maintenance account, bricks . .	3 75

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884 92

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\$15,560 52

#### DEBIT.

#### (Expenditures.)

Cash, paid laborers . . . . .	\$7,487 57
Thomas Groom & Co., books . . . . .	11 50
S. & R. J. Lombard, paving blocks . .	4,711 77
W. A. Sanborn & Co., paving bricks . .	87 49

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\$12,298 33

Highways, Construction account, paving blocks . . . . .	717 44
Highways, Maintenance account, use of city teams . . . . .	2,544 75

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\$15,560 52

### Highways, Shade Trees.

#### CREDIT.

Balance from 1907 . . . . .	\$13 19
Appropriations, from Funded Debt, 1908 . . . . .	500 00
Cash, received of S. LaBua, tree . . . . .	1 00

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\$514 19

Balance unused, carried to 1909 account . . . . .	33 38
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\$480 81



## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$170 13	
Charles R. Fish & Co., trees . . . . .	50 00	
E. S. Sparrow & Co., netting . . . . .	63 00	
George A. Skilton, poles . . . . .	60 00	
M. Silverman, rubber hose . . . . .	2 88	
A. M. Tuttle & Co., trees . . . . .	50 00	
Underhill Hardware Co., netting and staples . . . . .	47 00	
	<hr/>	
	\$443 01	
Highways, Maintenance account, use of city teams . . . . .	37 80	
	<hr/>	
		\$480 81

**Highways, Watering Streets.**

## CREDIT.

Taxes, assessments levied . . . . .	\$30,619 90
Excess and Deficiency account, balance transferred . . . . .	1,996 18
	<hr/>
	\$28,623 72

## Receipts:—

Cash, received of abutters . . . . .	\$30 00	
Sundry persons, insuring . . . . .	72 00	
Martin W. Carr & Co., watering drive- way . . . . .	13 00	
	<hr/>	
		115 00
		<hr/>
		\$28,738 72

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$3,462 13
Thomas Allen, watering . . . . .	553 00
Cornelius R. Bowlby, watering . . . . .	558 00
Fred R. Brown, watering . . . . .	606 00
Harry C. Brown, watering . . . . .	121 50
Frank Buttimer, watering . . . . .	558 00
George E. Carr, watering . . . . .	607 00
Daniel Collins, watering . . . . .	621 00
Timothy F. Crimmings, watering . . . . .	558 00
John F. Elkins & Co., watering . . . . .	610 00
James H. Fannon, watering . . . . .	553 00
Charles T. Garland, watering . . . . .	572 00
J. F. Hause & Co., watering . . . . .	596 00
William A. Hall, watering . . . . .	558 00
Jameson Brothers, watering . . . . .	610 00
Howard Lowell & Son, watering . . . . .	610 00
George F. McKenna, watering . . . . .	582 00
J. A. Marsh Coal Co., watering . . . . .	540 00
Henry McAvoy, watering . . . . .	558 00
William H. McKenna, watering . . . . .	540 00
Michael T. McLaughlin, watering . . . . .	540 00
Mark W. Patten, watering . . . . .	610 00
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Amount carried forward . . . . .	\$15,133 63

Amount brought forward . . . .	\$15,133 63
Albion M. Prescott, watering . . . .	708 00
George F. Patten, watering . . . .	540 00
Albert P. Rockwood, watering . . . .	618 00
Thomas F. Reardon, watering . . . .	558 00
John B. Rufer & Co., watering . . . .	558 00
David M. Smith, watering . . . .	618 00
Ralph M. Sturtevant, watering . . . .	618 00
George Stevenson, watering . . . .	610 00
Suburban Coal Co., watering . . . .	928 50
Mary J. Shean, watering . . . .	496 00
Mary T. Shean, watering . . . .	90 00
R. Allen Sturtevant, watering . . . .	558 00
Frank A. Teele, watering . . . .	592 00
J. Herbert Thompson, watering . . . .	540 00
Dalie Wilson, watering . . . .	232 00
Thomas Walsh, watering . . . .	540 00
John Wilson, watering . . . .	379 50
F. C. Ayer, lumber . . . .	247 69
Boston Varnish Co., paint stock . . . .	216 50
Bertha M. Boyd, clerical services . . . .	34 67
G. W. Combs & Co., repairing carts . . . .	4 50
T. A. Cunningham, brushes . . . .	15 25
Dodge, Haley & Co., repairing carts . . . .	28 75
Florence Ham, clerical services . . . .	18 67
Florence R. Kenneson, clerical services . . . .	16 00
H. W. Johns-Manville Co., roll roofing, etc. . . . .	52 25
A. C. Libby & Sons, books . . . .	1 50
Medford, City of, watering Boston avenue . . . . .	113 88
Mildred A. Merrill, clerical services . . . .	23 00
McGrath & Woodley, assessment book . . . .	18 00
Edward O'Brien, horseshoeing . . . .	14 00
New England Oil Co., gasoline . . . .	53
Joseph Palmer, repairing carts . . . .	6 75
J. L. & H. K. Potter, repairing carts . . . .	1,537 00
Charles S. Robertson, insurance on carts, . . . .	71 75
J. B. Rufer, iron work . . . .	75
E. S. Sparrow & Co., hardware . . . .	31 90
Somerville Journal Co., printing . . . .	15 25
Underhill Hardware Co., lead and japan, . . . .	47 50
Whitney & Snow, turpentine . . . .	25 46
L. A. Wright, repairing carts . . . .	2 50
A. M. Wood Co., poles . . . .	59 50
John M. Woods & Co., lumber . . . .	2 13
I. B. Walker, repairing carts . . . .	10 37
	<hr/>
	\$26,938 68
Highways, Maintenance account, teams . . . .	1,241 00
Water Works Extension account, water posts . . . . .	324 60
Water Maintenance account, maintenance posts . . . . .	234 44
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	<u>\$28,738 72</u>

**Inspection of Buildings.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$5,200 00
Excess and Deficiency account, balance transferred . . . . .	68 66

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 \$5,131 34

## Receipts:—

Cash, received of Walter T. Littlefield, plumbers' licenses, . . . . .	48 50
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 \$5,179 84

## DEBIT.

## (Expenditures.)

Cash, paid Walter T. Littlefield, salary as commissioner of public buildings . . . . .	\$2,000 00
disbursements . . . . .	19 50
William F. Barker, deputy commissioner of public buildings . . . . .	701 61
disbursements . . . . .	6 00
George H. Galpin, assistant to commissioner of public buildings . . . . .	624 00
Josephine M. Briggs, clerical assistance, . . . . .	176 00
Duncan C. Greene, inspector of plumbing . . . . .	1,200 00
Cotter's Express, expressing . . . . .	15
E. J. Cambridge, envelopes . . . . .	21 24
Thomas Groom & Co., books and supplies . . . . .	12 35
W. A. Greenough & Co., directory . . . . .	4 00
William J. Hanson, plumbing supplies . . . . .	2 53
Howard Lowell & Son, carriage hire and board of horse . . . . .	120 15
B. L. Makepeace, blue prints . . . . .	18 00
George McDormand, horseshoeing . . . . .	6 25
New England Telephone & Telegraph Co., service . . . . .	\$61 98
(Cash) . . . . .	7 10
	<hr/>
	54 88
Somerville Journal Co., printing and envelopes . . . . .	89 50
Somerville Post-office, stamped envelopes . . . . .	10 60
Smith-Premier Typewriter Co., carbon paper and supplies . . . . .	9 40
Yawman & Erbe Mfg. Co., furniture . . . . .	72 01
Samuel Ward Co., stationery . . . . .	22 32
F. S. Webster Co., office supplies . . . . .	6 35
L. A. Wright, repairing . . . . .	3 00

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 \$5,179 84
**Interest.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$70,000 00
Excess and Deficiency account, balance transferred . . . . .	2,067 97

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 \$67,932 03

Amount carried forward . . . . .	\$67,932 03
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Amount brought forward . . . . .	\$67,932 03	
Amounts transferred to the following accounts:—		
Electrical Department . . . . .	\$400 00	
Public Buildings Maintenance, School-		
houses . . . . .	1,200 00	
School Teachers' Salaries . . . . .	2,182 45	
Suppression Elm Leaf Beetle . . . . .	1,000 00	
	<hr/>	4,782 45
		<hr/>
		\$63,149 58
Receipts:—		
Cash, received of sundry persons . . . . .	11,016 69	
	<hr/>	\$74,166 27

## DEBIT.

## (Expenditures.)

Coupons maturing April 1, 1908 . . . . .	\$3,747 50	
Coupons maturing July 1, 1908 . . . . .	18,252 50	
Coupons maturing October 1, 1908 . . . . .	5,767 50	
Coupons maturing January 1, 1909 . . . . .	16,075 00	
	<hr/>	\$43,842 50
Cash, paid interest on Registered Bonds:—		
Interest due April 1, 1908 . . . . .	\$3,682 50	
Interest due July 1, 1908 . . . . .	2,087 50	
Interest due October 1, 1908 . . . . .	3,427 50	
Interest due January 1, 1909 . . . . .	2,067 50	
	<hr/>	11,265 00
On Temporary Loans:—		
Note No. 662, 14 days, \$20,000, . . . . .	\$46 67	
Note No. 662, 31 days, \$20,000, . . . . .	100 00	
Note No. 660, 52 days, \$25,000, . . . . .	216 66	
Note No. 663, 35 days, \$30,000, . . . . .	175 00	
Note No. 661, 52 days, \$30,000, . . . . .	260 00	
Note No. 664, 9 months, \$50,000 . . . . .	1,687 50	
Note No. 665, 9 months, \$25,000 . . . . .	843 75	
Note No. 666, 262 days, \$10,000, . . . . .	336 60	
Note No. 667, 262 days, \$10,000, . . . . .	336 60	
Note No. 668, 262 days, \$10,000, . . . . .	336 59	
Note No. 670, 262 days, \$10,000, . . . . .	336 59	
Note No. 672, 262 days, \$15,000, . . . . .	504 90	
Note No. 673, 262 days, \$15,000, . . . . .	504 90	
Note No. 674, 262 days, \$15,000, . . . . .	504 90	
Note No. 675, 262 days, \$15,000, . . . . .	504 89	
Note No. 676, 8 months, 15 days, \$25,000 . . . . .	796 88	
Note No. 677, 214 days, \$25,000, . . . . .	616 74	
Note No. 678, 8 months, \$50,000 . . . . .	1,416 67	
Note No. 679, 1 year, \$25,000 . . . . .	1,000 00	
Note No. 680, 12 months, \$50,000 . . . . .	2,000 00	
Note No. 681, 12 months, \$50,000 . . . . .	2,000 00	
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Amounts carried forward . . . . .	\$14,525 84	\$55,107 50



Amounts brought forward	\$14,525 84	\$55,107 50	
Notes Nos. 682, 683, 684, 685, 244 days, \$150,000	3,914 18		
Note No. 688, 6 months, \$25,000	468 75		
Note No. 690, 36 days, \$50,000,	150 00		
		\$19,058 77	
			\$74,166 27

**Metered Water Charges.**

## CREDIT.

Cash, received of sundry water takers	\$24,164 76 10 00	\$24,174 76	
Balance to debit of account, 1909		24,974 46	
			\$49,149 22

## DEBIT.

Balance from 1907	\$24,174 76		
Last quarter, 1908, uncollected	24,974 46		
			\$49,149 22

**Military Aid.**

## CREDIT.

Appropriations, from Taxes, 1908	\$900 00		
Excess and Deficiency account, balance transferred	360 00		
		\$540 00	
Commonwealth of Massachusetts, amount charged	591 00		
			\$1,131 00

## DEBIT.

## (Expenditures.)

Cash, paid sundry persons as per pay rolls	\$1,131 00		
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**Overlay and Abatement.**

## CREDIT.

Balance from 1907	\$4,505 81		
Taxes, amount of overlay from assessors' warrant	16,550 79		
Amount of assessors' supplementary warrants, 1908	15,723 08		
		\$36,784 68	

## Amounts transferred and unused:—

Fire Department, amount transferred	\$1,700 00		
Health Department, Collection of Ashes and Offal account, amount transferred,	6,000 00		
Public Buildings Maintenance, School- houses account, amount transferred	3,300 00		
School Contingent account, amount trans- ferred	3,000 00		
		14,000 00	

	\$22,784 68		
Balance to credit of account, 1909	11,563 04		

\$11,221 64

## DEBIT.

Taxes, amount of abatements	\$11,186 40	
(Cash)	10 60	
		\$11,175 80
Cash, paid sundry persons, money refunded,		45 84
		<u>\$11,221 64</u>

**Overplus on Tax Sales.**

## CREDIT.

Balance from 1907	\$118 13
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## DEBIT.

Balance to credit of account, 1909	<u>\$118 13</u>
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**Police.**

## CREDIT.

Appropriations, from Taxes, 1908	\$48,000 00
Excess and Deficiency account, balance transferred	1,290 46
	<u>\$46,709 54</u>

## Receipts:—

Commonwealth of Massachusetts, corpora- tion tax, 1907	\$2,435 32	
Commonwealth of Massachusetts, national bank tax, 1907	37 00	
Commonwealth of Massachusetts, corpora- tion tax, 1908	29,822 51	
Commonwealth of Massachusetts, national bank tax, 1908	3,974 65	
		<u>36,319 48</u>

## Stock and labor billed other departments:—

Electrical Department account, hay	118 87
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## Receipts:—

Cash, received of John R. Fairbairn, Master of House of Correction, fines	\$612 00	
Herbert A. Chapin, Clerk of the Courts, fines	3,016 00	
Sundry persons, cloth for uniforms	427 09	
Boston & Maine Railroad Corporation, police service	47 50	
		<u>4,102 59</u>
		<u>\$37,250 48</u>

## DEBIT.

## (Expenditures.)

Cash, paid Melville C. Parkhurst, chief keeper of lockup	\$1,665 74	
Robert R. Perry, captain	1,500 00	
Lieutenants:—		
Dennis Kelley	1,350 00	
Eugene A. Carter	1,350 00	
Charles E. Woodman	1,350 00	
Sergeants:—		
Edward McGarr	1,200 00	
Amount carried forward	<u>\$3,449 07</u>	

Amount brought forward . . . .	\$3,419 07
George H. Carleton . . . .	1,200 00
James M. Harmon . . . .	1,200 00
John A. Ray . . . .	175 00
Inspector:—	
Thomas Damery . . . .	1,150 00
Patrolmen (salaries and extra services):—	
Edward M. Carter . . . .	1,092 00
George L. Smith . . . .	1,089 00
Francis A. Perkins . . . .	1,093 25
William H. Johnston . . . .	996 00
Jacob W. Skinner . . . .	1,092 00
Theodore E. Heron . . . .	1,092 00
David A. Bolton . . . .	1,093 25
Michael T. Kennedy . . . .	1,094 50
Charles W. Stevens . . . .	1,095 75
Ezra A. Dodge . . . .	1,092 00
Daniel G. Simons . . . .	1,092 00
Samuel Burns . . . .	1,097 00
Frederick H. Googins . . . .	1,097 00
Jotham Chisholm . . . .	1,086 00
William J. Davidson . . . .	1,091 50
Elmer E. Drew . . . .	1,032 00
John A. Dadmun . . . .	1,092 00
Eugene A. Woodsum . . . .	1,091 50
George L. Rice . . . .	1,089 00
Myron S. Gott . . . .	1,095 75
John A. Ray . . . .	945 00
Herbert Hilton . . . .	1,092 00
Charles W. Reick . . . .	1,092 00
Frank C. Hopkins . . . .	1,047 00
Charles W. Allen . . . .	1,090 25
Hudson M. Howe . . . .	1,094 50
Ernest S. Goff . . . .	810 00
Sanford S. Lewis . . . .	1,093 25
Frank H. Graves . . . .	1,084 25
Henry A. Sudbey . . . .	1,113 50
Harvey R. Fuller . . . .	1,094 50
William J. Sutherland . . . .	570 00
Thomas F. McNamara . . . .	1,047 00
Louis F. Arnold . . . .	1,080 00
Charles S. Johnston . . . .	1,095 75
James M. Lynch . . . .	1,102 00
Martin Sharry . . . .	1,102 00
Henry Y. Gilson . . . .	327 00
Robert T. Blair . . . .	1,071 00
Ernest Howard . . . .	1,064 75
John J. Cummings . . . .	1,043 25
Claude L. Crossman . . . .	1,070 75
Denis Neylon . . . .	1,064 75
Lemuel J. Simons . . . .	1,057 75
Edmund J. Keane . . . .	1,063 00
Edward M. Davies . . . .	1,069 75
Dennis Downey . . . .	1,066 00
George A. C. Peters . . . .	1,060 25
James E. Phillips . . . .	1,024 75
Louis J. Belzarini . . . .	972 50
Walter Reed . . . .	971 50
Dennis G. Mulqueeney . . . .	920 00
Amount carried forward . . . .	\$66,267 57

Amount brought forward . . . . .	\$66,267 57
Patrick J. Doolin . . . . .	918 75
Joseph J. Burns . . . . .	932 50
Edward J. Hopkins . . . . .	942 50
William G. Kenney . . . . .	800 00
Walter L. Groves . . . . .	921 25
Frederick G. Jones . . . . .	972 56
Joseph A. Dwyer . . . . .	892 50
Reserve patrolmen:—	
Clyde W. Steeves . . . . .	948 75
Thomas P. Walsh . . . . .	743 75
Augustine J. Fitzpatrick . . . . .	558 75
Harry C. Young . . . . .	591 25
Peter Moore . . . . .	595 00
Patrick McGrath . . . . .	572 50
William E. Taylor . . . . .	491 25
Bernard McCabe . . . . .	562 50
Robert D. Dewar . . . . .	492 50
Drivers:—	
Judson W. Oliver . . . . .	255 00
Edward E. Ware . . . . .	910 00
Martin E. Driscoll . . . . .	819 00
Israel Y. Hall . . . . .	157 50
John J. Scannell . . . . .	598 50
Joseph E. Flynn . . . . .	78 75
Retired list (half pay):—	
George W. Bean . . . . .	546 00
Albion L. Staples . . . . .	546 00
John E. Fuller . . . . .	546 00
Ira S. Carleton . . . . .	546 00
James J. Pollard . . . . .	454 50
Melville C. Parkhurst . . . . .	134 16
Special patrolmen:—	
Theron H. Kinsley . . . . .	2 50
John H. Kelley . . . . .	7 50
Robert C. Brown . . . . .	18 75
Sundry persons, special services at polls	144 00
Minnie F. Woodland, matron . . . . .	285 25
American Express Co., expressing . . . . .	6 25
American Towel Supply Co., towels . . . . .	48 00
Auto List Publishing Co., auto list . . . . .	2 00
C. M. Blake, newspapers . . . . .	21 00
Henry Barrett, photographs . . . . .	48 00
George W. Butters, year book . . . . .	2 00
D. J. Bennett, harness work . . . . .	29 00
Herbert E. Bowman, horse medicine . . . . .	90
Boston & Suburban Express Co., ex- pressing . . . . .	30
S. Bianchini, repairing belts . . . . .	8 10
Boston Nickel Plating Co., plating . . . . .	19 00
B. W. Carpenter, use of horse . . . . .	146 00
Eugene A. Carter, disbursements . . . . .	152 96
George H. Carleton, disbursements . . . . .	12 50
Jackson Caldwell & Co., mattresses . . . . .	20 00
Robart-Carleton Co., repairs . . . . .	6 00
F. T. Cabana, harness repairs . . . . .	6 70
G. W. Combs & Co., repairing van . . . . .	6 00
E. J. Cambridge, postage . . . . .	10 00
Thomas Damery, disbursements . . . . .	166 89
Amount carried forward . . . . .	\$84,964 83



Amount brought forward . . . .	\$84,964 83
Fresh Pond Ice Co., ice . . . .	60 95
Fenelon's Pharmacy, medicine . . . .	2 90
W. A. Greenough & Co., directory . . . .	12 00
Gilman Express Co., expressing . . . .	45
Glines & Co., expressing . . . .	90
Franklin W. Hopkins, disbursements . . . .	139 87
Hobbs & Warren Co., supplies . . . .	58 12
William S. Howe, boxes . . . .	14 90
J. A. Hedin & Co., harness repairs . . . .	2 10
Iver Johnson Co., revolvers . . . .	186 28
Johnston & Merhoff, badges . . . .	12 00
William H. Johnston, disbursements . . . .	8 75
William G. Kenney, disbursements . . . .	5 00
Dennis Kelley, disbursements . . . .	10 60
Lord & Webster, hay and straw . . . .	87 50
M. Linsky & Bros., chevrons . . . .	12 00
Little, Brown & Co., law books . . . .	11 25
Sanford S. Lewis, disbursements . . . .	2 60
J. W. Lovett, committing truants . . . .	3 14
A. B. McIntosh, repairs . . . .	50
Martin & Wood, making keys . . . .	4 80
Raphael Masstrangialo, helmets . . . .	10 00
Mary McEachern, food for prisoners . . . .	23 25
New England Telephone & Telegraph Co., service . . . .	190 11
Neostyle Co., paper . . . .	4 80
Fulton O'Brien, oats . . . .	142 97
Pettingell-Andrews Co., desk lamp . . . .	3 20
Laurence S. Peirce, veterinary services . . . .	4 00
George A. C. Peters, disbursements . . . .	61
Proctor Bros., oats . . . .	95 22
Ira L. Roberts, horseshoeing . . . .	157 50
A. P. Rockwood, storage wagon, etc. . . .	36 00
R. M. Sturtevant, supplies . . . .	17 62
C. A. Slager, repairs . . . .	3 65
Lemuel H. Snow, disbursements . . . .	8 10
Somerville Journal Co., printing . . . .	79 32
S. Slater & Sons, blue cloth . . . .	517 40
R. M. Sturtevant & Co., supplies . . . .	12 45
Shea Lubricator Co., axle grease . . . .	1 00
Scoville Mfg. Co., buttons . . . .	13 50
The Frank Shepard Co., "Massachusetts Citations," etc. . . .	12 00
Sampson, Murdock Co., directory . . . .	6 00
M. E. Sturtevant, committing prisoners . . . .	6 30
Idella A. Taylor, washing . . . .	45 47
Thomas W. Talcott & Sons, cloth . . . .	6 83
Nathan Tufts & Sons, oats . . . .	57 93
Underwood Typewriter Co., ribbons . . . .	4 00
M. L. Vinal, coin envelopes . . . .	3 60
Whitney & Snow, hardware . . . .	44 06
Charles Waugh & Co., repairs on van . . . .	130 50
C. F. Williams, repairs . . . .	4 00
Samuel Ward Co., stationery . . . .	1 00
Yawman, Erbe Mfg. Co., index cards . . . .	6 65.

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\$87,250 48

**Printing and Stationery (Public Documents and Stationery for the Board of Aldermen).**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$1,000 00
Excess and Deficiency account, amount appropriated . . . . .	1,500 00
	<hr/>
	\$2,500 00
Excess and Deficiency account, balance transferred . . . . .	264 94
	<hr/>
	\$2,235 06

## DEBIT.

## (Expenditures.)

Cash, paid American Multigraph Sales Co., gammeter multigraph . . . . .	\$245 00
American Express Co., expressing . . . . .	1 60
Boston Post-office, postage . . . . .	21 00
Columbia Engraving Co., invitations . . . . .	50 25
Carter, Rice & Co., paper . . . . .	14 20
W. J. Dobinson Engraving Co., half tone cut . . . . .	8 10
Wesley A. Maynard, printing . . . . .	63 20
Somerville Journal Co., printing annual reports, etc. . . . .	1,831 71
	<hr/>
	\$2,235 06

**Property and Debt Balance.**

## CREDIT.

Balance from 1907 . . . . .	\$3,723,735 34
Public Property, property acquired in 1908 . . . . .	70,347 74
Funded Debt, bonds matured . . . . .	151,500 00
	<hr/>
	\$3,945,583 08

## DEBIT.

Funded Debt, issue of 1908 . . . . .	\$110,000 00
Balance to credit of account, 1909 . . . . .	3,835,583 08
	<hr/>
	\$3,945,583 08

**Public Buildings Construction, Addition to Benjamin G. Brown School.**

## CREDIT.

Balance from 1907 . . . . .	\$8,333 88
Public Buildings Construction, Building Public Buildings account, amount transferred . . . . .	1,871 57
	<hr/>
	\$10,205 45
Public Buildings Construction, Addition to Sanford Hans- com School account, amount transferred . . . . .	194 15
	<hr/>
	\$10,011 30

## DEBIT.

## (Expenditures.)

Cash, paid J. M. Andrews & Son, on account of contract . . . . .	\$8,014 29	
Armstrong Bros., plumbing . . . . .	400 00	
Jackson Caldwell & Co., furniture . . . . .	306 10	
J. J. Hurley & Co., on account of contract . . . . .	400 80	
Heywood Bros. & Wakefield Co., furniture . . . . .	392 00	
E. Howard Clock Co., clocks . . . . .	60 00	
Knott & Co., electrical fixtures . . . . .	124 11	
Kenney Bros. & Wolkins, desks . . . . .	314 00	
		<u>\$10,011 30</u>

**Public Buildings Construction, Addition to Hanscom School.**

## CREDIT.

Balance from 1907 . . . . .	\$5,510 47
Public Buildings Construction, Building Public Buildings account, amount transferred . . . . .	2,555 33
Public Buildings Construction, Addition to Benjamin G. Brown School, amount transferred . . . . .	194 15
	<u>\$8,259 95</u>

## DEBIT.

## (Expenditures.)

Cash, paid American Seating Co., furniture, . . . . .	\$200 00	
Armstrong Brothers, plumbing . . . . .	237 00	
Jackson Caldwell & Co., furniture . . . . .	303 00	
Frank E. Cutler, painting . . . . .	240 00	
J. J. Hurley & Co., on account of contract . . . . .	945 65	
E. Howard Clock Co., clocks . . . . .	60 00	
Kenney Brothers & Wolkins, furniture . . . . .	424 00	
John E. Locatelli, on account of contract . . . . .	5,534 15	
Thomas M. Sargent, services architect . . . . .	311 15	
		<u>\$8,259 95</u>

**Public Buildings Construction, Bath House.**

## CREDIT.

Balance from 1907 . . . . .	\$3,000 00
Public Buildings Construction, Building Public Buildings, amount transferred . . . . .	269 57
Public Buildings Construction, Building Public Buildings, balance transferred . . . . .	98 64
	<u>\$3,368 21</u>
Fire Department, Additional Apparatus, amount transferred . . . . .	1,000 00
	<u>\$2,368 21</u>

## DEBIT.

## (Expenditures.)

Cash, paid F. C. Ayer, lumber . . . .	\$382 39	
C. W. Cahalan, plumbing . . . .	195 11	
Davenport-Brown Co., lumber . . . .	165 10	
Enterprise Rubber Co., rubber rings . .	5 00	
C. H. Goldthwaite, emergency case . .	6 00	
Glines & Co., teaming . . . .	1 50	
Iver Johnson Sporting Goods Co., bath- ing suits, etc. . . . .	199 49	
Eugene H. Jones, photographs . . . .	8 50	
G. F. McKenna & Son, teaming . . . .	8 00	
J. Edward L. McLean, carpentering . .	1,155 26	
Wesley A. Maynard, printing . . . .	5 25	
William J. McCarthy, teaming . . . .	86 25	
Pneumatic Hand Stamp Co., stamps . .	3 63	
E. S. Sparrow & Co., paroid, etc. . . .	55 00	
Toppan Boat Mfg. Co., skiff, etc. . . .	27 75	
Underhill Hardware Co., hardware . .	63 80	
A. J. Wilkinson & Co., steel rings . .	18	
		<u>\$2,368 21</u>

**Public Buildings Construction, Building Public Buildings.**

## CREDIT.

Appropriations, from Funded Debt, 1908 . . . . .	\$20,000 00
Public Buildings Construction, Health Department Stable account, amount transferred . . . . .	49 88
Public Buildings Construction, L. V. Bell School Fire Escapes account, amount transferred . . . . .	31 62
	<u>\$20,081 50</u>

Amounts transferred to the following:—

## Public Buildings Construction:—

Addition to Benjamin G. Brown School account . . . . .	\$1,871 57	
Addition to Hanscom School account . . . . .	2,555 33	
Heating Plant, Charles G. Pope School account . . . . .	1,158 64	
Incinerator account . . . . .	704 01	
Vault, City Hall account . . . . .	342 91	
Health Department Stable account . . . . .	10,500 00	
Bath House account . . . . .	269 57	
Health Department Stable account . . . . .	900 00	
Bath House account . . . . .	98 64	
		<u>18,400 67</u>

Balance unused, carried to 1909 account . . . . .	<u>\$1,680 83</u>
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**Public Buildings Construction, Health Department Stable Account.**

## CREDIT.

Public Buildings Construction, Building Public Buildings account, amount transferred . . . . .	\$10,500 00
Amount carried forward . . . . .	<u>\$10,500 00</u>



Amount brought forward . . . . .	\$10,500 00
Public Buildings Construction, Building Public Buildings account, amount transferred . . . . .	900 00
	<hr/>
	\$11,400 00
Public Buildings Construction, Building Public Buildings account, balance of account unused, transferred . . . . .	49 88
	<hr/>
	\$11,350 12

## DEBIT.

## (Expenditures.)

Cash, paid C. W. Cahalan, plumbing . . . . .	\$829 99
W. Fillmore Co., carpentering . . . . .	60 00
S. D. Hicks & Son, work on stalls . . . . .	140 00
Knott & Co., electrical work . . . . .	310 53
B. L. Makepeace, blue prints . . . . .	5 20
Samuel Pote, rent of stalls . . . . .	318 86
Slade & Crawford, specifications . . . . .	12 00
W. A. Snow Iron Works Co., stable fixtures . . . . .	844 75
Whitten & Jackson, steamfitting . . . . .	249 31
Whitney & Snow, hardware . . . . .	18 58
Walsh Brothers, contract . . . . .	8,560 90
	<hr/>
	\$11,350 12

**Public Buildings Construction, Heating Plant  
Charles G. Pope School.**

## CREDIT.

Public Buildings Construction, Building Public Buildings account, amount transferred . . . . .	\$1,158 64
Balance from 1907 . . . . .	948 69
	<hr/>
	\$209 95

## DEBIT.

## (Expenditures.)

Cash, paid Alexander Duncan Co., heating plant . . . . .	\$209 95
	<hr/>

**Public Buildings Construction, Incinerator.**

## CREDIT.

Public Buildings Construction, Building Public Buildings account, amount transferred . . . . .	\$704 01
Balance from 1907 . . . . .	622 02
	<hr/>
	\$81 99

## DEBIT.

## (Expenditures.)

Cash, paid J. E. L. McLean, carpentering . . . . .	\$81 99
	<hr/>

**Public Buildings Construction, Luther V. Bell  
School Fire Escapes.**

## CREDIT.

Balance from 1907 . . . . .	\$31 62
Public Buildings Construction, Building Public Buildings account, balance of account unused, transferred . . . . .	\$31 62
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**Public Buildings Construction, Vault City Hall.**

## CREDIT.

Balance from 1907 . . . . .	\$432 19
Public Buildings Construction, Building Public Buildings account, amount transferred . . . . .	342 91
	<hr/>
	\$775 10

## DEBIT.

## (Expenditures.)

Cash, paid Herbert L. Henderson, con- structing stairs . . . . .	\$120 00
H. W. Johns-Manville Co., asbestos lumber . . . . .	382 10
Morris-Ireland Safe Co., vault doors . . . . .	175 00
Waldo Brothers, terra cotta . . . . .	93 00
	<hr/>
	\$775 10

**Public Buildings Maintenance, City Buildings.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$10,000 00
Excess and Deficiency account, balance transfered . . . . .	1,052 94
	<hr/>
	\$11,052 94

County of Middlesex, rent of court room . . . . .	600 00
Receipts:—	
Cash, received of Thomas Ormond, rent . . . . .	\$120 00
Arthur Murley, rent . . . . .	120 00
Walter T. Littlefield, bath house receipts, . . . . .	56 05
Frank Miller, old stove . . . . .	1 00
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	297 05

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\$11,949 99

## DEBIT.

## (Expenditures.)

Cash, paid F. C. Ayer, lumber . . . . .	\$48 89
E. O. Arnold & Co., cleaning carpets . . . . .	1 06
American Express Co., expressing . . . . .	1 90
J. M. Andrews & Son, carpentering . . . . .	1 65
Ashton Valve Co., valves, etc. . . . .	61 75
Boston Feather Duster Co., feather dusters . . . . .	42 56
James Bartley, matches . . . . .	2 95
Boston Steam Specialty Co., supplies . . . . .	4 00
P. Bowdren, work on lawns . . . . .	1 25
Matthew M. Blunt, re-seating chairs . . . . .	1 50
J. W. Bailey & Sons Co., screen slides . . . . .	58
D. P. Bucknam, mason work . . . . .	238 82
J. F. Brown, repairing clocks . . . . .	6 00
Boston Electric Co., supplies . . . . .	42
Consumers' Coal Co., coal . . . . .	1,177 50
C. W. Cahalan, plumbing . . . . .	273 70
Cambridge Gas Light Co., gas . . . . .	\$473 67
(Cash) . . . . .	2 25
	<hr/>
	471 42

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Amount carried forward . . . . . \$2,335 95

Amount brought forward . . . .	\$2,335 95
Cambridge Ice Co., ice . . . .	96 46
Carlisle-Ayer Co., lumber, etc. . . .	47 01
Henry N. Clark Co., grate . . . .	62
Cudahy Packing Co., packing . . . .	7 50
Jackson Caldwell & Co., furniture . . . .	86 81
Daniel Campbell, steamfitting . . . .	3 00
W. W. Calkin, carpenter work . . . .	173 30
John Cremen, weighing coal . . . .	10 00
L. E. Clayton, cheese cloth . . . .	50
Davenport-Brown Co., lumber . . . .	176 38
James F. Davlin, plumbing . . . .	260 42
Thomas Dowd, masonry . . . .	90 50
James Duncan, re-seating chairs . . . .	4 50
R. W. Doe, register . . . .	1 30
<b>John Ducey, cleaning carpets . . . .</b>	<b>15 50</b>
<b>James Duncan, repairing chairs . . . .</b>	<b>15 50</b>
Doten-Dunton Desk Co., office fur- niture . . . .	250 00
J. A. Durell, plumbing . . . .	1 22
Edison Electric Illuminating Co., light- ing . . . .	2,264 60
Electric Goods Mfg Co., supplies . . . .	37 92
Enterprise Rubber Co., matting . . . .	40 70
I. G. Felt, laundry . . . .	26 00
Albert B. Franklin, handle for heater . . . .	1 10
F. W. Farrar, repairing clocks . . . .	11 50
J. J. Fisher, plumbing . . . .	17 72
John F. Foster, tank heater . . . .	36 00
Fenelon Pharmacy, roach powder, etc. . . .	2 70
Edwin P. Fitzgerald, services as life guard . . . .	137 50
Gas Consumers' Association, rental and service . . . .	32 00
Glines & Co., expressing . . . .	1 65
Gilman Express Co., expressing . . . .	1 90
Gurney Heater Mfg. Co., steam supplies, . . . .	20 01
Eugene Giroir, services . . . .	44 00
Highland Foundry Co., grate bars . . . .	6 50
J. J. Hurley Co., steamfitting . . . .	153 83
Hemeon Brothers, carpentering . . . .	28 23
Herbert L. Henderson, iron work . . . .	12 00
Robert Hull, oil . . . .	76
William S. Howe, plumbing . . . .	30
Hartford Steam Boiler Inspection and Insurance Co., premium on policy . . . .	102 96
Highland Coal Co., coal . . . .	351 10
S. D. Hicks & Son, copper conductors, etc. . . .	35 00
Iver Johnson Sporting Goods Co., brass checks . . . .	80
Frank O. Johnson, plumbing . . . .	47 04
John Jennings, mason work . . . .	158 00
H. W. Johns-Manville Co., covering pipes . . . .	56 14
John H. Kelley, steamfitting . . . .	15 00
James Kenney, carpentering . . . .	72 16
Knott & Co., fixtures . . . .	81 52
Knight & Thomas, fire extinguishers . . . .	168 00
Amount carried forward . . . .	<hr/> \$7,541 11

Amount brought forward . . . .	\$7,541 11
S. P. Larsen, carpentering . . . .	208 19
T. E. Littlefield, lumber . . . .	99 66
T. L. Littlefield, lumber . . . .	67 58
W. T. Littlefield, disbursements . . . .	1 90
Metropolitan Coal Co., coal . . . .	943 00
George W. Manning, work on flagstaff . . . .	8 00
G. F. McKenna & Son, teaming . . . .	24 00
Charles F. Mills, carpentering . . . .	450 10
Morris-Ireland Safe Co., repairing . . . .	10 75
A. M. Morton & Co., steamfitting . . . .	1 90
G. F. McKenna, teaming . . . .	2 50
Martin & Wood, keys . . . .	80
Wesley A. Maynard, printing . . . .	5 65
J. Edward L. McLean, carpentering . . . .	34 64
William J. McCarthy, laborer . . . .	2 50
New England Towel Supply Co., towels, . . . .	68 25
Norton Door Check Co., repairing . . . .	2 50
A. W. Phillips, mason work . . . .	2 00
Pierce, Butler & Pierce Mfg. Co., grate . . . .	1 40
W. E. Plumer & Co., hardware . . . .	3 30
Phillips Co., repairing furnace . . . .	50
Louis Pettito, laying floor . . . .	21 85
L. A. Penney, carpentering . . . .	91 21
Pittsburg Plate Glass Co., glass . . . .	14 35
Paine Furniture Co., rug . . . .	72 00
Pettingell-Andrews Co., lighting fixtures, . . . .	1 40
G. D. B. Robinson, carpentering . . . .	7 69
George L. Robinson, painting . . . .	295 00
A. G. Renner, expressing . . . .	30
D. L. Shepard, mason work, etc. . . .	204 33
C. A. Southwick, extra janitor's services, . . . .	50 00
E. S. Sparrow & Co., hardware . . . .	136 48
Standard Charcoal Co., charcoal . . . .	39 00
Alexander Sampson, lumber . . . .	125 00
Sprague & Hathaway Co., frame . . . .	17 34
Stilphen's Express, expressing . . . .	1 30
Simplex Electric Heating Co., foot warmer and radiator . . . .	14 63
Shepard, Clark & Co., mats, etc. . . .	26 95
Sanitary Dust Removing Co. of Massa- chusetts, cleaning . . . .	75 00
Somerville Coal Co., coal . . . .	35 34
C. H. Sanborn, steamfitting . . . .	32 74
Frank A. Teele, wood . . . .	13 85
William J. Thompson & Co., roofing . . . .	5 48
Underhill Hardware Co., hardware . . . .	2 10
Walsh Brothers, mason work . . . .	132 25
D. W. Webster, repairing chairs . . . .	16 75
West Disinfecting Co., disinfectant . . . .	67 50
Whitney & Snow, water cooler . . . .	29 83
Walker & Pratt Mfg. Co., flue brush . . . .	75
H. G. White, electrical supplies . . . .	53 57
William J. Wiley, plumbing . . . .	26 36
Asahel Wheeler Co., paint, etc. . . .	62 87
Welsbach Co., mantles . . . .	14 88
John M. Woods & Co., lumber . . . .	31 73
Wellington-Wild Coal Co., fuel . . . .	293 13
Western Electric Co., electric fans, etc., . . . .	25 92
Amount carried forward . . . .	<u>\$11,524 11</u>



Amount brought forward . . . . .	\$11,524 11	
Mrs. M. J. Whitney, mending flag . . . . .	6 30	
Whitten & Jackson, steamfitting . . . . .	38 84	
George H. Wickes & Son, painting . . . . .	352 66	
A. J. Wilkinson & Co., screen springs . . . . .	30	
Winter Hill Press, printing . . . . .	1 00	
J. Oscar Youngjohn, laundry work . . . . .	26 78	
		<hr/>
		<u>\$11,949 99</u>

**Public Buildings Maintenance, Fire Department.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$5,000 00
Excess and Deficiency account, balance transferred . . . . .	107 22
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	\$5,107 22

## DEBIT.

## (Expenditures.)

Cash, paid F. C. Ayer, lumber . . . . .	\$62 23
P. Bowdren, work on lawns . . . . .	6 88
Boston Belting Co., supplies . . . . .	52
Consumers' Coal Co., coal . . . . .	515 24
Cambridge Gas Light Co., gas . . . . .	48 06
Charlestown Gas & Electric Co., gas . . . . .	59 31
Carlisle-Ayer Co., lumber . . . . .	3 09
J. A. Durell, plumbing . . . . .	28 66
James F. Davlin, plumbing . . . . .	30 10
Davenport-Brown Co., lumber . . . . .	4 41
J. H. Derby, repairing clock . . . . .	2 00
Edison Electric Illuminating Co., light- ing . . . . .	946 69
W. J. Fermoye, painting . . . . .	310 00
Flagg & Bowers, erecting and painting steel ceiling . . . . .	51 00
J. J. Fisher, plumbing . . . . .	27 94
Fred W. Farrar, repairing clock . . . . .	1 50
Glines & Co., expressing . . . . .	50
S. D. Hicks & Son, work on bell deck, etc. . . . .	225 90
Highland Coal Co., coal . . . . .	337 32
Charles H. M. Hunnewell, plugs, etc. . . . .	27 61
William S. Howe, plumbing . . . . .	1 85
J. J. Hurley & Co., steamfitting . . . . .	34 37
Frank O. Johnson, plumbing . . . . .	13 17
James Kenney, carpentering . . . . .	4 92
John H. Kelley, steamfitting . . . . .	8 00
S. P. Larsen, roofing . . . . .	287 68
T. E. Littlefield, lumber . . . . .	27 28
Metropolitan Coal Co., coal . . . . .	724 50
Charles F. Mills, carpentering . . . . .	194 40
A. M. Morton & Co., steamfitting . . . . .	5 57
C. J. Miers & Son, roofing . . . . .	8 35
G. W. Manning, work on flagstaff . . . . .	18 00
G. F. McKenna & Son, teaming . . . . .	5 00
James W. O'Neil, plumbing . . . . .	21 02
Pittsburg Plate Glass Co., glass . . . . .	5 94
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Amount carried forward . . . . .	\$4,049 01

Amount brought forward . . . . .	\$4,049 01	
W. E. Plumer & Co., hardware . . . . .	1 63	
A. W. Phillips, mason work . . . . .	25 25	
A. M. Pride, carpentering . . . . .	10 80	
George L. Robinson, painting and glaz- ing . . . . .	126 19	
John B. Rufer, bolts and iron . . . . .	15 00	
W. P. Rice, lumber . . . . .	1 52	
E. S. Sparrow & Co., hardware . . . . .	32 01	
John Stackpole, carpentering . . . . .	86 46	
Somerville Coal Co., coal . . . . .	260 19	
Simpson Brothers Corporation, con- structing concrete pit and laying granolithic floor . . . . .	116 52	
C. A. Sanborn, steamfitting . . . . .	3 20	
Frank A. Teele, wood . . . . .	22 88	
C. L. Underhill, steel rod . . . . .	3 00	
Underhill Hardware Co., screen doors, etc. . . . .	2 00	
William J. Wiley, plumbing . . . . .	60 57	
John M. Woods & Co., lumber . . . . .	69 51	
Asahel Wheeler Co., paint . . . . .	14 63	
Wellington-Wild Coal Co., fuel . . . . .	206 80	
		<u>\$5,107 22</u>

**Public Buildings Maintenance, Janitors' Salaries.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$29,000 00
Excess and Deficiency account, balance transferred . . . . .	755 44
	<u>\$29,755 44</u>

## DEBIT.

## (Expenditures.)

Cash, paid janitors' salaries . . . . .	<u>\$29,755 44</u>
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**Public Buildings Maintenance, Schoolhouses.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$32,000 00
Interest account, amount transferred . . . . .	1,200 00
Overlay and Abatement account, amount transferred . . . . .	3,300 00
Excess and Deficiency account, balance transferred . . . . .	260 35
	<u>\$36,760 35</u>

## Receipts:—

Cash, received of Walter T. Littlefield, tele- phone tolls . . . . .	\$74 88
Mrs. E. H. Norrby, gas . . . . .	23 40
Sundry persons, use of ward rooms . . . . .	39 00
Sundry persons, damage to property . . . . .	12 00
	<u>149 28</u>
	<u>\$36,909 63</u>

## DEBIT.

## (Expenditures.)

Cash, paid Edwin Adler, firing boiler . . .	\$14 00
American Seating Co., ink wells, etc. . .	69 66
American Steam Packing Co., packing . . .	13 23
Armstrong Brothers, plumbing . . .	474 85
Ashton Valve Co., gauges . . .	87 95
E. O. Arnold & Co., work on carpets . . .	17 68
J. M. Andrews & Son, carpentering . . .	240 16
American Express Co., expressing . . .	30
F. C. Ayer, lumber . . .	3 46
John H. Adcock, plumbing . . .	9 55
Armour & Co., washing powder . . .	20 76
Frank Atkinson, carpentering . . .	65 00
F. C. Alexander, mason work . . .	146 60
American Steam Gauge & Valve Mfg. Co., repairing valves . . .	2 00
Baker School Specialty Co., furniture . . .	259 15
Boston Spray Co., disinfectant . . .	7 50
Patrick Bowdren, work on lawns . . .	294 25
D. F. Burke, mason work . . .	482 20
Edward H. Barter, repairing clocks . . .	12 50
D. J. Bennett, door strap . . .	1 75
Blodgett Clock Co., repairing clock . . .	31 10
Boston Belting Co., hose, etc. . .	13 18
Boston Varnish Co., varnish . . .	48 00
D. P. Bucknam, mason work . . .	301 00
Bay State Belting Co., punch, etc. . .	1 35
Boston Feather Duster Co., dusters . . .	85 12
Bartholomew Burke, grading . . .	47 29
Matthew M. Blunt, re-seating chairs . . .	13 00
Bradlee & Chatman Co., steamfitting . . .	16 80
Broad Gauge Iron Works, gilded ball for flagstaff . . .	18 00
J. F. Brown, repairing clocks . . .	13 25
Patrick Burke, work on lawn . . .	6 10
W. H. Brown & Co., oil . . .	60
J. A. Bremner & Co., tinting ceiling, etc., . . .	251 00
A. & E. Burton Co., brushes . . .	36 00
Herbert Briggs, cleaning . . .	85 00
George F. Blake Mfg. Co., pump sup- plies . . .	4 62
Consumers' Coal Co., coal . . .	5,731 44
Cambridge Gas Light Co., gas . . .	639 45
Chapman Valve Mfg. Co., valves . . .	43 99
Charlestown Gas & Electric Co., gas . . .	385 65
L. E. Clayton, cloth . . .	15 55
Crosby Steam Gage & Valve Co., re- pairing . . .	75
T. A. Cunningham, brushes . . .	2 50
Jackson Caldwell & Co., furniture . . .	200 34
Consumers' Coal Corporation, coal . . .	3,563 34
Frank E. Cutler, painting . . .	645 63
Frederick R. Cutter, repairing clock . . .	30 50
Cotter's Express, expressing . . .	5 85
H. E. Campbell, plumbing . . .	4 03
D. T. Campbell, janitor's service . . .	6 00
Coggeshall Mfg. Co., boiler merchandise, . . .	10 00

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Amount carried forward . . . \$14,478 98

Amount brought forward . . . . .	\$14,478 98
Edward G. Came, repairing fence . . . .	10 69
C. W. Cahalan, plumbing . . . . .	37 71
John Conrad & Co., brooms . . . . .	4 63
T. F. Crimmings, mason work . . . . .	29 65
J. W. Ford, painting . . . . .	90 65
A. L. Carpenter, floor brushes . . . .	25 00
Carlisle-Ayer Co., lumber . . . . .	66 82
Continental Mfg. Co., dustoline . . . .	10 00
Commonwealth of Massachusetts, Industrial Department, mops . . . . .	6 00
Davenport-Brown Co., lumber . . . . .	51 10
James F. Davlin, plumbing . . . . .	15 78
J. A. Durell, oil . . . . .	08
James Duncan, repairing chairs . . . .	13 35
Alexander Duncan Co., packing . . . .	87 70
John Ducey, work on carpets . . . . .	110 00
R. W. Doe, repairing heaters . . . . .	66 40
Thomas Dowd, plastering . . . . .	59 80
J. H. Derby, repairing clocks . . . . .	1 00
P. Derby & Co., irons for chairs . . . .	1 75
Edison Electric Illuminating Co., lighting . . . . .	2,512 18
Eldridge, Baker & Co., gold dust . . . .	11 74
Electric Goods Mfg. Co., supplies . . . .	53 23
Enterprise Rubber Co., gaskets . . . .	54 62
Fred W. Farrar, repairing clocks . . . .	65 00
F. W. Foster Mfg. Co., grate bar . . . .	2 75
The Formacone Co., disinfectant . . . .	28 00
F. C. Fuller & Co., dust pans and brushes . . . . .	46 34
J. H. Fannon, concreting . . . . .	475 35
Mary C. Faelton, repairing fence . . . .	7 50
J. W. Ford, painting fence . . . . .	24 90
Gas Consumers' Association, rental and service . . . . .	56 00
Glines Express Co., expressing . . . . .	27 15
Gurney Heater Mfg. Co., supplies . . . .	13 50
Gilman Express, expressing . . . . .	1 75
Eugene Giroir, cleaning . . . . .	76 00
Walter J. Godfrey, tinting ceiling, etc. . .	144 00
Paul Goguen, plastering . . . . .	13 80
R. Hull, oil . . . . .	39 77
Charles H. M. Hunnewell, plumbing . . .	149 73
William J. Hanson, plumbing . . . . .	5 20
William S. Howe, plumbing . . . . .	3 52
J. J. Hurley & Co., steamfitting . . . .	438 09
Hartford Steam Boiler Inspection and Insurance Co., premium on policy . . . .	562 30
John Henderson, repairing tools . . . .	1 25
Edgar O. Hunt, plumbing . . . . .	4 44
Hemeon Brothers, carpenter work . . . .	335 88
Highland Coal Co., coal . . . . .	494 31
Hodge Boiler Co., boiler supplies . . . .	857 40
S. D. Hicks & Son, repairing gutters and conductors . . . . .	276 00
James Harper & Co., repairing couch . .	3 50
H. W. Johns-Manville Co., covering pipes . . . . .	55 47
Amount carried forward . . . . .	\$22,007 76



Amount brought forward . . . . .	\$22,007 76
Frank J. Jameson, sponges . . . . .	20 37
H. James & Son, soap . . . . .	3 00
Frank O. Johnson, plumbing . . . . .	102 53
Johnson Service Co., repairing heaters . . . . .	116 75
Jenkins Brothers, valves and plugs . . . . .	8 00
George L. Janvrin, repairing clocks . . . . .	6 50
John H. Kelley, steamfitting . . . . .	143 75
John Kennedy, mason work . . . . .	66 16
James Kenney, carpentering . . . . .	451 00
Kenney Brothers & Wolkins, furniture . . . . .	779 70
Knott & Co., electrical supplies . . . . .	773 31
E. S. Kearney, sawdust . . . . .	30 25
E. & F. King & Co., soda ash . . . . .	5 02
J. A. Kiley, repairing tools . . . . .	1 85
Clara Kenney, cleaning . . . . .	51 32
S. P. Larsen, carpenter work . . . . .	165 66
T. E. Littlefield, lumber . . . . .	57 43
Howard Lowell & Son, board of horse, etc. . . . .	245 06
G. W. Ladd, furnace rake . . . . .	1 05
Link Belt Co., chain belting . . . . .	39 94
F. T. Lord Polish Co., polish . . . . .	5 00
Miss E. H. Lunt, moulding . . . . .	1 68
C. W. Lerner & Co., disinfectant . . . . .	23 80
Metropolitan Coal Co., coal . . . . .	3,021 08
George W. Manning, repairing venti- lators and fire escapes . . . . .	156 25
Martin & Wood, keys . . . . .	19 25
Henry McCarthy, carpentering . . . . .	29 52
Daniel McIntire, gardening . . . . .	77 11
G. F. McKenna & Son, teaming . . . . .	134 50
Charles F. Mills, carpentering . . . . .	315 20
A. M. Morton & Co., steam supplies . . . . .	71 76
C. W. H. Moulton & Co., snow shovels, etc. . . . .	46 50
G. F. McKenna, teaming . . . . .	29 75
George McDormand, horseshoeing . . . . .	9 25
C. J. Miers & Son, roofing . . . . .	154 94
G. A. McGunnigle, janitor's services . . . . .	9 75
Morgan Drug & Chemical Co., dust layer . . . . .	8 00
A. S. Morss Co., supplies for flagstaff . . . . .	68
J. E. L. McLean, carpenter work . . . . .	103 73
New England Telephone & Telegraph Co., service . . . . .	390 65
Norton Door Check Co., repairing door check . . . . .	6 76
New England Iron Works Co., boiler supplies . . . . .	11 44
James W. O'Neil, plumbing . . . . .	32 37
Thomas O'Callaghan & Co., rug . . . . .	19 50
Pittsburg Plate Glass Co., glass . . . . .	149 20
W. E. Plumer & Co., hardware . . . . .	148 59
A. W. Phillips, concreting . . . . .	255 63
L. A. Penney, carpentering . . . . .	1 80
O. M. Pote, janitor's services . . . . .	15 00
Phillips Co., re-finishing fixtures . . . . .	3 00
Roberts Iron Works Co., tubes, etc. . . . .	44 27
Amount carried forward . . . . .	<hr/> \$30,372 37

Amount brought forward . . . . .	\$30,372 37
George L. Robinson, painting . . . . .	480 12
John B. Rufer, iron work . . . . .	6 40
Robert S. Ray, damages to child's coat . . . . .	5 00
G. D. B. Robinson, carpentering . . . . .	3 00
W. P. Rice, lumber . . . . .	10 44
A. G. Renner, expressing . . . . .	35
F. M. Rogers & Co., painting . . . . .	434 00
Alice M. Saben, chairs . . . . .	4 80
C. H. Sanborn, services as engineer . . . . .	144 38
Shepard, Clark & Co., brushes and baskets . . . . .	198 75
Skinner & Wentworth, clocks . . . . .	17 50
E. S. Sparrow & Co., hardware . . . . .	447 89
Standard Charcoal Co., charcoal . . . . .	51 00
P. Sutherland & Co., oil . . . . .	60 60
Solshine Mfg. Co., polish . . . . .	7 20
B. F. Sturtevant Co., repairing engine . . . . .	40 55
T. A. Sallaway, hardware . . . . .	2 10
Somerville Coal Co., coal . . . . .	532 16
John Stackpole, carpentering . . . . .	226 27
Stillman, Carmichael Co., packing . . . . .	1 00
Frank A. Teele, wood . . . . .	150 07
Trueman H. Thorpe, carpentering . . . . .	163 28
Benjamin R. Twombly, painting . . . . .	134 00
Charles L. Underhill, repairs . . . . .	19 90
Underhill Hardware Co., hardware . . . . .	302 33
H. W. Waite & Co., disinfectant . . . . .	137 95
Waldo Brothers, lime . . . . .	43 70
Walsh Brothers, mason work . . . . .	17 85
Asahel Wheeler Co., paint, etc. . . . .	196 97
Henry A. Wheeler & Co., ensigns . . . . .	93 75
H. G. White, electrical supplies . . . . .	223 98
Whitney & Snow, hardware . . . . .	85 91
A. J. Wilkinson & Co., chain . . . . .	1 90
D. W. Webster, repairing chairs . . . . .	46 60
George A. Weld Co., steamfitting . . . . .	226 91
Mrs. M. J. Whitney, mending flags . . . . .	23 00
F. W. Webb Mfg. Co., supplies . . . . .	60
West Disinfecting Co., disinfectant . . . . .	15 00
Whitten & Jackson, steamfitting, \$176 87 (Cash) . . . . .	11 37
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	165 50
William J. Wiley, plumbing . . . . .	49 10
Arthur W. Walker, repairing clock . . . . .	10 25
Waters Governor Co., steam supplies . . . . .	3 70
Winter Hill Press, printing . . . . .	1 25
L. A. Wright, blacksmithing . . . . .	50
I. B. Walker, blacksmithing . . . . .	14 40
John Weingartner, paint remover . . . . .	12 00
Wellington-Wild Coal Co., coal . . . . .	1,362 95
John P. Wahlstrom, tinting ceilings . . . . .	168 00
G. A. Walker, painting, etc. . . . .	146 25
Waverley Heating & Supply Co., sup- plies . . . . .	28 25
Frederick B. Witherley, brackets . . . . .	11 40
G. A. Walker Machine Co., repairs . . . . .	1 00
Western Electric Co., supplies . . . . .	5 50
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\$36,909 63

**Public Grounds.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$10,700 00
Excess and Deficiency account, balance transferred . . . . .	49 99

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 \$10,749 99

## Receipts:—

Cash, received of Somerville High School		
Athletic Association, labor and materials . . . . .	\$132 00	
Arthur A. Smith, sods . . . . .	7 80	
		139 80

## Stock and labor billed other departments:—

Highways, Construction account, sods . . . . .	\$145 16	
Sewers, Construction account, sand . . . . .	139 50	
Sidewalks, Construction account, sods . . . . .	314 31	
Sidewalks, Maintenance account, sods . . . . .	8 00	
Water Works Extension account, labor . . . . .	12 00	
		618 97

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 \$11,508 76

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$6,922 48
Thomas Allen, concreting . . . . .	170 63
G. J. Allen, concreting . . . . .	92 06
F. C. Ayer, lumber . . . . .	30 87
Barrett Mfg. Co., tarvia . . . . .	121 20
D. J. Bennett, repairing . . . . .	35 50
Charles E. Berry, labor . . . . .	3 80
E. M. Brims, dinners . . . . .	17 00
Broad Gauge Iron Works, ball . . . . .	3 00
William F. Chester & Co., repairing ladder . . . . .	1 75
Cornelius Callahan Co., repairing hose . . . . .	9 00
J. A. Durell, hardware . . . . .	26 14
Davenport-Brown Co., poles and stakes, . . . . .	39 26
Fellows & Co., repairing ladder . . . . .	4 50
A. C. Gordon, painting . . . . .	122 60
Thomas J. Gray & Co., horse lawn mower . . . . .	75 00
Hemeon Brothers, carpentering . . . . .	422 71
J. W. Howard, plants . . . . .	1,026 63
Highland Coal Co., lime . . . . .	8 75
W. S. Howe, repairing conductor . . . . .	19 30
Hill & Holt, use of auto . . . . .	25 00
F. W. Kimball, ash slats . . . . .	9 17
George W. Manning, labor on flagstuffs, . . . . .	64 35
Martin & Wood, sharpening . . . . .	31 85
Norton & Co., hose . . . . .	96 76
F. O'Brien, salt . . . . .	3 95
W. E. Plumer & Co., rope, etc. . . . .	23 52
A. E. Salt, pipe and damper . . . . .	3 75
E. S. Sparrow & Co., hardware . . . . .	65 03
T. A. Sallaway, rake and staples . . . . .	80
James Tevlin, use of teams . . . . .	801 15
Underhill Hardware Co., hardware . . . . .	34 28

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 Amount carried forward . . . . . \$10,311 84

Amount brought forward . . . .	\$10,311 84	
Whitney & Snow, hardware . . . .	258 43	
W. A. Wood Mowing & Reaping		
Machine Co., scythes . . . .	2 25	
L. A. Wright, bolts, etc. . . . .	15 00	
I. B. Walker, repairing . . . . .	47 53	
Henry A. Wheeler & Co., ensign . .	19 65	
Wright & Ditson, bases . . . . .	2 80	
Waldo Brothers, drain pipe . . . .	93	
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	\$10,658 43	
Highways, Maintenance account, crushed		
stone and labor . . . . .	537 21	
Public Grounds, Construction account, sand,	5 56	
Sidewalk Assessments account, assessment,	182 76	
Water Maintenance account, labor, etc. .	100 69	
Water Service Assessments account, service,	24 11	
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		<u>\$11,508 76</u>

**Public Grounds, Construction.**

## CREDIT.

Sewers, Construction account, amount transferred . .	\$1,500 00	
Receipts:—		
Stock and labor billed other departments:—		
Public Grounds account, sand . . . . .	5 56	
	<hr/>	
		\$1,505 56

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$1,107 03	
F. C. Ayer, laths . . . . .	40	
James Tevlin, teaming . . . . .	398 13	
	<hr/>	
		<u>\$1,505 56</u>

**Public Library.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$16,000 00	
County of Middlesex, dog licenses . . . . .	4,214 39	
	<hr/>	
	\$20,214 39	
Excess and Deficiency account, balance transferred . .	1 46	
	<hr/>	
		\$20,212 93

## Receipts:—

Cash, received of Sam Walter Foss, librarian:—		
books . . . . .	\$141 89	
fines . . . . .	709 46	
telephone tolls . . . . .	11 85	
	<hr/>	
		863 20
Stock and labor billed other departments:—		
Public Library, West Somerville Branch ac-		
count, books . . . . .	\$154 80	
School Contingent account, books . . . .	2 48	
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		157 28
		<u>\$21,233 41</u>



## DEBIT.

## (Expenditures.)

Cash, paid Sam Walter Foss, salary as librarian . . . . .	\$2,500 00
Florence D. Hurter, assistant librarian . . . . .	800 00
Esther Mayhew, cataloguer . . . . .	700 00
Edith B. Hayes, assistant cataloguer . . . . .	600 00
Anna L. Stone, assistant . . . . .	650 00
Mabel E. Bunker, assistant . . . . .	733 20
Mary S. Woodman, assistant . . . . .	650 00
Bessie L. Duddy, assistant . . . . .	600 00
Nellie M. Whipple, assistant . . . . .	600 00
Alice W. Sears, assistant . . . . .	472 96
Florence M. Barber, assistant . . . . .	600 00
Raymah H. Smith, assistant . . . . .	133 32
A. Myrtle Merrill, assistant . . . . .	274 98
Ethel M. Nute, assistant . . . . .	133 29
Irma R. Christopher, assistant . . . . .	50 20
F. Stuart Dean, assistant . . . . .	161 86
Saxton C. Foss, assistant . . . . .	93 50
Cecil M. Barlow, assistant . . . . .	121 25
William E. Bagster, assistant . . . . .	153 45
Stanley H. Bowlby, assistant . . . . .	21 15
Edgar L. Kaula, assistant . . . . .	41 70
Harry Benson, assistant . . . . .	18 30
American Express Co., expressing . . . . .	37 65
American Library Association, membership . . . . .	5 00
John R. Anderson Co., books . . . . .	717 44
American Political Science Association, books . . . . .	3 00
D. Appleton & Co., books . . . . .	1 22
A. R. Andrews, repairs . . . . .	4 28
William Abbott, books . . . . .	10 65
A. L. A. Publishing Board, cards . . . . .	2 95
George T. Bailey, periodicals . . . . .	71 32
Cecil M. Barlow, express . . . . .	50 85
C. M. Blake, periodicals . . . . .	8 50
Boston Music Co., music books . . . . .	2 52
George W. Butters, books . . . . .	2 00
Boston Indexing Bureau, index . . . . .	3 00
N. J. Bartlett & Co., books . . . . .	10 89
Boston Book Co., periodicals . . . . .	36 15
Boston Suburban Express & Parcel Co., expressing . . . . .	2 15
Brigham Family Association, book . . . . .	10 00
Mrs. George W. Butters, supplies . . . . .	70
Bates & Guild Co., pictures . . . . .	5 00
The Burrows Bros. Co., books . . . . .	6 25
William E. Bagster, expressing . . . . .	12 90
Ball Publishing Co., books . . . . .	2 25
Stanley H. Bowlby, expressing . . . . .	43 60
R. E. Bisbee, books . . . . .	12 63
Boston & Maine R. R. Co., express . . . . .	73
William Henry Baker, book . . . . .	75
Brown University, book . . . . .	1 00
F. J. Barnard & Co., binding . . . . .	12 00
Cedric Chivers, books . . . . .	126 48

Amount carried forward . . . . . \$11,313 02

Amount brought forward . . . . .	\$11,313 02
Arthur H. Clark Co., books . . . . .	22 95
C. M. Clark Publishing Co., books . . . . .	1 00
The College Bindery, binding . . . . .	718 00
Claude Curtis, agency . . . . .	100 00
Carter, Rice & Co., supplies . . . . .	34 50
Chicago Medical Book Co., book . . . . .	3 15
Charles W. Clark Co., books . . . . .	57 40
W. B. Clark Co., books . . . . .	27 80
Myra B. Creeley, books . . . . .	6 80
Columbia-Webcowit Press, printing . . . . .	72 50
W. W. Calkin, repairs . . . . .	38 35
John W. Cadby, books . . . . .	3 00
Frank W. Collier, books . . . . .	2 50
Desmond Publishing Co., books . . . . .	9 75
Oliver Ditson Co., music books . . . . .	35 13
Dodd, Mead & Co., books . . . . .	17 53
DeWolfe, Fiske & Co., books . . . . .	38 62
E. Dowd, books . . . . .	2 00
Thomas J. Donlan, music books . . . . .	6 88
Olin S. Davis, supplies . . . . .	19 00
Department of Commerce and Labor, books . . . . .	4 00
E. P. Dutton & Co., books . . . . .	2 00
David Farquhar, binding . . . . .	549 53
Benjamin F. Freeman, photographs . . . . .	2 00
Frost & Adams Co., supplies . . . . .	4 68
Thomas T. Fryer, books . . . . .	31 00
Forum Publishing Co., periodical . . . . .	50
Gilman Express Co., expressing . . . . .	171 45
Government, periodicals . . . . .	4 00
Thomas Groom & Co., stationery . . . . .	85 03
Glines & Co., expressing . . . . .	11 40
W. A. Greenough & Co., books . . . . .	12 00
Globe Stamp Works, supplies . . . . .	2 05
Herman Goldberger, periodical . . . . .	419 66
Gaylord Bros., supplies . . . . .	1 00
Granite State Publishing Co., periodical . . . . .	3 00
C. E. Grosvenor, books . . . . .	2 70
Ginn & Co., books . . . . .	2 23
William Hall & Co., supplies . . . . .	3 50
O. S. M. Haskell, agency . . . . .	265 00
Heaton's Agency, books . . . . .	1 25
Houghton Mifflin Co., books . . . . .	38 00
J. L. Hammett Co., books . . . . .	89 46
Harper & Bros., books . . . . .	12 60
Walter F. Hall, books . . . . .	27 75
S. Henry Hadley, books . . . . .	27 75
R. H. Hinckley Co., books . . . . .	3 50
H. R. Huntting Co., books . . . . .	4 25
Information Bureau American Munici- palities, books . . . . .	2 00
Marshall Jones Co., books . . . . .	22 40
Jordan Marsh Co., screen . . . . .	4 00
C. A. Koehler & Co., books . . . . .	55 17
W. A. Keating, books . . . . .	4 74
Library of Congress, cards . . . . .	50 00
Little, Brown & Co., books . . . . .	2,200 06
George E. Littlefield, books . . . . .	43 05

Amount carried forward . . . . .	\$16,692 59
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Amount brought forward . . . .	\$16,692 59
John B. H. Longfellow, binding . .	135 00
Charles E. Lauriat Co., books . .	87 88
Library Bureau, cards . . . .	83 95
C. S. Lombard & Co., agency . .	68 77
Lothrop, Lee & Shepard Co., books .	23 26
McDevitt Wilson, books . . . .	61 87
Macmillan Co., books . . . .	8 11
Medford Historical Society, periodical	1 00
Henry Malkan, books . . . .	52 85
Massachusetts Society Mayflower De-	
scendants, periodical . . . .	2 00
Wesley A. Maynard, printing . .	40 86
Moody Manual Co., book . . . .	10 00
A. W. Mann, books . . . .	3 28
Thomas B. Mosher, books . . . .	75
Joel Munsell's Sons, books . . . .	4 50
New England Telephone & Telegraph	
Co., service . . . .	56 40
National Education Association, period-	
ical . . . .	2 00
Nickerson & Collins Co., books . .	10 00
Nonotuck Press, books . . . .	2 00
New England Historical Genealogical	
Society, books . . . .	15 00
Old Corner Book Store, books . .	41 17
Office, Bank & Library Co., repairs .	5 65
Oliver Typewriter Co., supplies . .	1 22
O'Shea's Book Store, books . . . .	2 00
Ontario Publishing Co., books . . .	50
J. D. Pearson, books . . . .	18 00
Perham's Express, expressing . . .	21 25
Publishers' Weekly, periodicals . .	15 00
Eben Putnam, books . . . .	3 00
G. P. Putnam's Sons, books . . . .	16 24
Publishing Committee Somerville His-	
torical Society, periodical . . . .	3 00
George G. Page Box Co., supplies . .	8 00
Poor's Railroad Manual Co., book . .	10 00
Perham's Express, expressing . . .	3 00
Charles H. Pope, books . . . .	4 50
Pilgrim Press, periodical . . . .	2 50
S. A. Riker, agency . . . .	19 70
Charles S. Robertson, insurance . .	191 25
Harry J. Ramsay, agency . . . .	140 00
Ritter & Flebbe, books . . . .	3 60
Daniel M. Rice, book . . . .	2 50
Register of Copyrights, book . . . .	2 00
P. B. Sanford Co., binding . . . .	2,293 15
Theo. E. Schulte, books . . . .	91 78
Charles Scribner's Sons, books . . .	61 08
Silver, Burdett & Co., books . . . .	1 10
Stilphen's Express, expressing . . .	4 40
Somerville Journal Co., printing . .	383 42
Schoenhof Book Co., books . . . .	18 25
Somerville High School Radiator, peri-	
odical . . . .	75
Sampson & Murdock Co., book . . .	12 00
The Science Press, book . . . .	15
Amount carried forward . . . .	\$20,742 23

Amount brought forward . . . .	\$20,742 23
Small, Maynard & Co., book . . . .	1 95
Somerville Post-office, postage . . . .	17 00
The System Co., books . . . .	13 00
Charles R. Taylor, express . . . .	35 70
Tabard Inn Library, books . . . .	7 60
C. W. Tibbetts, book . . . .	1 00
Trueman H. Thorpe, labor . . . .	4 00
Topsfield Historical Society, books . . . .	92
Thorpe's Express, expressing . . . .	25
Union Library Association, books . . . .	55 14
University of Chicago Press, books . . . .	8 30
Underhill Hardware Co., repairs . . . .	3 10
M. L. Vinal, agency . . . .	32 54
Virtue & Co., periodical . . . .	1 00
Webcowit Press, printing . . . .	73 90
H. W. Wilson Co., periodical . . . .	22 00
John Wiley & Sons, books . . . .	6 35
Helen M. Winslow, books . . . .	1 00
Williams & Neiley, printing . . . .	81 45
Woman's Journal, periodical . . . .	1 25
Alice M. Young, agency . . . .	121 73
Y. M. C. A. Press, book . . . .	75
Zion's Herald, periodical . . . .	1 25
	<hr/>
	<u>\$21,233 41</u>

**Public Library, Frances A. Wilder Children's Department Fund.**

CREDIT.

Frances A. Wilder bequest . . . . . \$100 00

DEBIT.

Balance to credit of account, 1909 . . . . . \$100 00

**Public Library, Frances A. Wilder Children's Department Fund, Investment Account.**

CREDIT.

Balance to debit of account, 1909 . . . . . \$100 00

DEBIT.

Frances A. Wilder bequest, deposited in Somerville Savings Bank . . . . . \$100 00

**Public Library, Isaac Pitman Fund, Art.**

CREDIT.

Balance from 1907 . . . . . \$1,251 66

DEBIT.

Balance to credit of account, 1909 . . . . . \$1,251 66

**Public Library, Isaac Pitman Fund, Poetry.**

CREDIT.

Balance from 1907 . . . . . \$1,062 92

DEBIT.

Balance to credit of account, 1909 . . . . . \$1,062 92



**Public Library, Isaac Pitman Fund, Income, Art.**

## CREDIT.

Balance from 1907 . . . . .		\$89 51
Receipts:—		
Cash, income from invested funds . .	\$80 00	
Interest on deposits . . . . .	10 14	
	<hr/>	90 14
		<hr/>
		\$179 65
Balance of account unused, carried to 1909 . . . . .		35 62
		<hr/>
		\$144 03

## DEBIT.

## (Expenditures.)

Cash, paid Brentano's, books . . . . .	\$2 25	
Boston Book Co., periodical . . . . .	75	
T. T. Fryer, books . . . . .	14 75	
C. E. Grosvenor, books . . . . .	7 00	
Bruno Hessling, book . . . . .	5 00	
Charles E. Lauriat Co., books . . . . .	7 00	
C. A. Koehler & Co., books . . . . .	9 80	
Library Art Club, membership . . . . .	6 00	
Little, Brown & Co., books . . . . .	34 84	
Henry Malkan, books . . . . .	1 65	
Ritter & Flebbe, books . . . . .	7 10	
Underwood & Underwood, stereographs . . . . .	30 89	
H. C. White & Co., stereographs . . . . .	17 00	
	<hr/>	\$144 03
		<hr/>

**Public Library, Isaac Pitman Fund, Income, Poetry.**

## CREDIT.

Balance from 1907 . . . . .		\$64 92
Receipts:—		
Cash, income from invested funds . .	\$20 00	
Interest on deposits . . . . .	2 54	
	<hr/>	22 54
		<hr/>
		\$87 46
Balance of account unused, carried to 1909 . . . . .		24 29
		<hr/>
		\$63 17

## DEBIT.

## (Expenditures.)

Cash, paid N. J. Bartlett & Co., books . .	\$20 00	
DeWolfe, Fiske & Co., books . . . . .	11 25	
Nathan Haskell Dole, books . . . . .	2 50	
Little, Brown & Co., books . . . . .	21 42	
Old Corner Book Store, books . . . . .	7 00	
Theo. E. Schulte, book . . . . .	1 00	
	<hr/>	\$63 17
		<hr/>

**Public Library, Isaac Pitman Fund, Investment Account.**

## CREDIT.

Balance to debit of account, 1909 . . . . .	\$5,314 58
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## DEBIT.

Balance from 1907 . . . . .	\$5,314 58
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**Public Library, West Somerville Branch.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$1,000 00
Excess and Deficiency account, balance transferred . . . . .	1 65
	<hr/>
	\$998 35

## DEBIT.

## (Expenditures.)

Cash, paid John R. Anderson Co., books . . . . .	\$99 15
Brentano's, books . . . . .	7 00
Boston Book Co., books . . . . .	3 50
Burrows Bros. Co., books . . . . .	1 45
W. B. Clarke Co., books . . . . .	141 65
Charles W. Clark Co., books . . . . .	110 20
Albert Britnell, books . . . . .	16 11
Thomas T. Fryer, books . . . . .	69 50
C. E. Grosvenor, books . . . . .	2 00
Henry S. Hadley, music books . . . . .	27 90
H. R. Huntting Co., books . . . . .	1 20
Lothrop, Lee & Shepard Co., books . . . . .	38 21
Library Bureau, cards . . . . .	11 95
Henry Malkan, books . . . . .	196 35
McDevitt-Wilson, books . . . . .	46 18
O'Shea's Book Store, books . . . . .	3 00
James L. Perkins & Co., books . . . . .	36 00
Theo. E. Schulte, books . . . . .	30 30
George A. Whipple, books . . . . .	1 90
	<hr/>
	\$843 55
Public Library account, books . . . . .	154 80
	<hr/>
	\$998 35

**Public Library Construction, West Somerville Branch.**

## CREDIT.

Cash, received of Andrew Carnegie, gift . . . . .	\$14,867 50
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## DEBIT.

## (Expenditures.)

Cash, paid Boston Herald Co., advertising . . . . .	\$17 50
Charles H. Belledue, contract . . . . .	13,000 00
McLean & Wright, contract . . . . .	1,000 00
Whitten & Jackson, contract . . . . .	850 00
	<hr/>
	\$14,867 50

**Public Property.**

## CREDIT.

Balance to debit of account, 1909 . . . . .	\$5,302,083 08
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## DEBIT.

Property and Debt Balance, property acquired in 1908 . . . . .	\$70,347 74
Balance from 1907 . . . . .	5,231,735 34
	<hr/>
	\$5,302,083 08

**Real Estate Liens.**

DEBIT.	
Balance from 1907 . . . . .	\$1,959 20
Taxes, tax of 1902 assessed City of Cambridge . . . . .	334 56
	<hr/>
	\$2,293 76
CREDIT.	
Balance to debit of account, 1909 . . . . .	<u><u>\$2,293 76</u></u>

**Redemption of Tax Liens.**

CREDIT.	
Cash, received of sundry persons, redemption of tax liens	\$1,813 77
Amount accruing to city under Chapter 443, Acts of 1902, carried to City Treasurer account . . . . .	20 00
	<hr/>
	\$1,793 77
DEBIT.	
(Expenditures.)	
Cash, paid sundry persons, redemption of tax liens . . . . .	<u><u>\$1,793 77</u></u>

**Reduction of Funded Debt.**

CREDIT.	
Balance from 1907 . . . . .	\$14,000 00
Appropriations, from Taxes, 1908 . . . . .	130,000 00
Water Works Income, amount appropriated, Water Bonds	7,000 00
Water Works Income, balance transferred . . . . .	10,800 62
	<hr/>
	\$161,800 62
Excess and Deficiency account, balance transferred . . . . .	6,185 02
	<hr/>
	\$155,615 60
Balance to credit of account, 1909, amount of bonds ma- tured, not presented . . . . .	4,000 00
	<hr/>
	\$151,615 60
Receipts:—	
Commonwealth of Massachusetts, on account of Armory	6,109 30
Cash, received of Boston & Maine Railroad Corporation, gravel . . . . .	\$606 88
A. A. Badaracco, et. al., land on Holland street . . . . .	364 32
R. L. Day & Co., premium on bonds . . . . .	2,803 90
	<hr/>
	3,775 10.
	<hr/>
	\$161,500 00
DEBIT.	
(Expenditures.)	
Cash, paid bonds maturing in 1908 . . . . .	<u><u>\$161,500 00</u></u>

**School Contingent.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$28,000 00
Overlay and Abatement account, amount transferred . . . . .	3,000 00
Excess and Deficiency account, balance transferred . . . . .	102 38

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 \$31,102 38

## Receipts:—

Commonwealth of Massachusetts, tuition of state wards . . . . .	190 50
Cash, received of G. A. Southworth, super- intendent of schools, tuition of non- resident pupils . . . . .	\$98 06
damage to property . . . . .	59 40
Charles S. Clark, superintendent of schools, tuition of state wards . . . . .	77 91
damage to property . . . . .	30 00
Somerville Y. M. C. A., books . . . . .	4 40
C. H. Pearson, tuition . . . . .	25 00

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 294 77

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 \$31,587 65

## DEBIT.

## (Expenditures.)

Cash, paid Gordon A. Southworth, salary as superintendent of schools . . . . .	\$2,000 00
disbursements . . . . .	324 90
Charles S. Clark, salary as superintend- ent of schools . . . . .	1,003 00
disbursements . . . . .	66 96
Cora S. Fitch, assistant . . . . .	437 50
Cora S. Fitch Bradford, assistant . . . . .	189 91
Mary A. Clark, assistant . . . . .	616 66
Mildred A. Merrill, assistant . . . . .	98 67
Lemuel H. Snow, truant officer . . . . .	381 43
board of horse . . . . .	85 00
Justin W. Lovett, truant officer . . . . .	433 33
Jairus Mann, truant officer . . . . .	50 00
American Book Co., books . . . . .	1,966 87
Adams, Cushing & Foster, supplies . . . . .	3,844 50
American Express Co., expressing . . . . .	2 10
John A. Avery, disbursements . . . . .	43 05
Allen, Doane & Co., supplies . . . . .	24 80
American Newspaper Association, books . . . . .	85 40
Atkinson, Mentzer & Grover, maps . . . . .	20 00
Allyn & Bacon, books . . . . .	268 09
D. Appleton & Co., books . . . . .	17 30
Mary A. Atherton, books . . . . .	16 84
Edward E. Babb & Co., books . . . . .	1,877 64
Baker School Specialty Co., supplies . . . . .	39 47
Milton Bradley Co., supplies . . . . .	214 30
George W. Butters, supplies . . . . .	2 00
F. J. Barnard & Co., binding . . . . .	804 55
Boston Bank Note Co., diplomas . . . . .	197 37
C. C. Birchard & Co., supplies . . . . .	30 65
Brown-Durrell Co., supplies . . . . .	64 02
Rev. Edwin C. Bolles, address . . . . .	25 00
Bow-street Methodist Church, use of edifice . . . . .	150 00

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 Amount carried forward . . . . . \$15,381 31



Amount brought forward . . . . .	\$15,381 31
F. C. Baldwin, disbursements . . . . .	2 31
Baker & Adamson Chemical Co., sup- plies . . . . .	109 93
Bausch & Lomb Optical Co., supplies . . . . .	19 86
Alfred M. Cutler, census . . . . .	50 40
Harry L. Cutting, services . . . . .	2 00
L. E. Clayton, supplies . . . . .	90
T. H. Castor & Co., books . . . . .	6 99
Chandler & Barber, supplies . . . . .	126 31
Clark Mfg. Co., ink . . . . .	51 90
Mary F. Carrick, supplies . . . . .	7 40
Carter's Ink Co., supplies . . . . .	11 40
N. H. Crowell, supplies . . . . .	31 25
C. M. Clark Mfg. Co., books . . . . .	12 40
E. T. Curtis, supplies . . . . .	89 75
Columbia Associates, printing . . . . .	16 00
Columbia-Webcowit Press, printing . . . . .	216 45
Charles C. Clements Co., engrossing . . . . .	98 20
James H. Chase, services . . . . .	15 00
Cambridge Botanical Supply Co., supplies . . . . .	13 65
Dennison Mfg. Co., supplies . . . . .	23 06
Dodd, Mead & Co., books . . . . .	90 00
W. H. Drew & Co., supplies . . . . .	4 50
Downes Lumber Co., lumber . . . . .	20 56
E. S. Daniels, piano tuning . . . . .	25 50
DeWolfe, Fiske & Co., books . . . . .	148 80
Oliver Ditson Co., books . . . . .	3 00
E. M. Drury, supplies . . . . .	12 50
Charles E. Davis, census . . . . .	20 72
Educational Publishing Co., books . . . . .	198 66
Emerson College Publishing Depart- ment, books . . . . .	94 35
George W. Earle, disbursements . . . . .	25 26
Eimer & Amend, supplies . . . . .	125 93
Clara Z. Elliot, census . . . . .	23 36
G. R. Fisk & Co., supplies . . . . .	34 86
Benjamin F. Freeman, supplies . . . . .	8 50
J. H. Folkins Co., ink . . . . .	33 90
W. C. Fickett, census . . . . .	31 06
Ginn & Co., books . . . . .	2,580 07
Glines & Co., expressing . . . . .	96 34
W. A. Greenough & Co., supplies . . . . .	8 00
Rev. O. P. Gifford, address . . . . .	25 00
Annie M. Gilcrease, census . . . . .	62 60
D. C. Heath & Co., books . . . . .	182 07
J. L. Hammett Co., supplies . . . . .	369 65
Harvard University, supplies . . . . .	8 00
J. W. Howard, supplies . . . . .	5 80
Houghton Mifflin Co., books . . . . .	146 90
Holden Patent Book Cover Co., supplies . . . . .	30 96
S. Henry Hadley, orchestra . . . . .	296 00
S. A. Johnson, disbursements . . . . .	8 24
Jordan Marsh Co., supplies . . . . .	29 55
Kenney Bros. & Wolkins, supplies . . . . .	1,923 11
George F. King & Co., supplies . . . . .	5 00
L. E. Knott Apparatus Co., supplies . . . . .	212 43
Harlan P. Knight, disbursements . . . . .	25 35
LaBree & Bumpus, supplies . . . . .	32 18

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Amount carried forward . . . . . \$23,235 23

Amount brought forward . . . . .	\$23,235 23
Lothrop, Lee & Shepard Co., books . . . . .	5 97
Howard Lowell & Son, carriage hire . . . . .	10 00
Robert Luce, address . . . . .	50 00
William P. Lynch, car fares . . . . .	5 45
J. B. Lippincott Co., books . . . . .	21 23
Massachusetts Bible Society, books . . . . .	6 30
Mitchell Mfg. Co., supplies . . . . .	7 70
Charles E. Merrill Co., books . . . . .	105 23
Bunkio Matsuki, supplies . . . . .	2 60
Middlesex County Truant School, board of truants . . . . .	705 41
F. W. Martin, engrossing . . . . .	22 65
C. J. Maynard, supplies . . . . .	3 40
Wesley A. Maynard, printing . . . . .	100 69
Henry F. Miller & Sons, piano . . . . .	250 00
McKinley Publishing Co., supplies . . . . .	4 06
Marine Biological Laboratory, supplies . . . . .	9 30
New England Dressed Meat & Wool Co., supplies . . . . .	2 50
New England Telephone & Telegraph Co., service . . . . .	155 11
Neostyle Co., supplies . . . . .	110 30
National Chemical Co., supplies . . . . .	1 50
A. B. Palmer, disbursements . . . . .	13 50
W. E. Plumer & Co., supplies . . . . .	419 35
Rand, McNally & Co., maps . . . . .	185 25
Remington Typewriter Co., supplies . . . . .	5 35
A. I. Root Co., supplies . . . . .	1 30
Silver, Burdett & Co., books . . . . .	1,602 12
Shattuck & Jones, supplies . . . . .	83
Smith-Premier Typewriter Co., supplies . . . . .	82 05
Somerville Journal Co., printing . . . . .	619 60
Benjamin H. Sanborn Co., books . . . . .	1,098 99
Sibley & Co., books . . . . .	38 53
Suffolk Ink Co., supplies . . . . .	8 00
Somerville Sun, printing . . . . .	15 00
E. D. Sawyer Lumber Co., lumber . . . . .	6 12
Oscar W. Short, services . . . . .	18 00
Schoenhof Book Co., books . . . . .	143 81
Charles Scribner's Sons, books . . . . .	90
Charles R. Taylor, expressing . . . . .	15 75
Thompson, Brown & Co., books . . . . .	5 15
Thorp & Martin Co., supplies . . . . .	4 85
Twinlock Co., supplies . . . . .	12 75
Mary C. Thurston, disbursements . . . . .	6 75
Underwood Typewriter Co., supplies . . . . .	11 00
M. L. Vinal, supplies . . . . .	52 36
Wadsworth, Howland & Co., supplies . . . . .	717 76
F. S. Webster Co., supplies . . . . .	9 06
A. J. Wilkinson & Co., supplies . . . . .	31 29
John M. Woods & Co., lumber . . . . .	1,211 27
Webcowit Press, printing . . . . .	22 10
Writer Publishing Co., books . . . . .	4 15
Whitney & Snow, supplies . . . . .	100 00
C. A. Watrous, book covers . . . . .	165 50
Winter-hill Press, printing . . . . .	78 15
Elisabeth S. Webster, census . . . . .	48 94
Amount carried forward . . . . .	<hr/> \$31,570 16

Amount brought forward . . . .	\$31,570 16	
Williams & Neiley, printing . . . .	7 65	
Yawman & Erbe Mfg. Co., supplies . .	6 10	
	<hr/>	
	\$31,583 91	
Public Buildings Maintenance, Schoolhouses account, telephone . . . .	1 26	
Public Library account, books . . . .	2 48	
	<hr/>	
		<u>\$31,587 65</u>

**School Teachers' Salaries.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . .	\$280,000 00
Street Lights account, amount transferred . . . .	7,000 00
Interest account, amount transferred . . . .	2,182 45
	<hr/>
	\$289,182 45

## DEBIT.

## (Expenditures.)

Cash, paid salaries as per pay-rolls . . . .	\$289,277 51
(Cash) . . . . .	95 06
	<hr/>
	<u>\$289,182 45</u>

**Sealer of Weights and Measures.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . .	\$1,500 00
Excess and Deficiency account, balance transferred . . . .	9 53
	<hr/>
	\$1,490 47

## Receipts:—

Cash, received of John H. Dusseault, fees for weighing . .	460 86
	<hr/>
	\$1,951 33

## DEBIT.

## (Expenditures.)

Cash, paid John H. Dusseault, salary as sealer of weights and measures . . . .	\$1,100 00
disbursements . . . . .	552 53
Benjamin S. Abbott, deputy sealer of weights and measures . . . . .	183 33
Boston Nickel Plating Co., weights . . . .	5 60
Fairbanks Co., weights . . . . .	18 00
W. A. Greenough & Co., directory . . . .	4 00
John J. Hargraves, ink and marking acid . . . . .	18 25
John H. Hargraves, ink . . . . .	3 50
Hill Press, printing . . . . .	2 50
Wesley A. Maynard, advertising . . . .	4 00
New England Telephone & Telegraph Co., service . . . . .	29 25
Perham's Express Co., expressing . . . .	15
Pneumatic Hand Stamp Co., stamps . . . .	13 52
Somerville Journal Co., printing . . . .	7 00
C. A. Twitchell & Co., badge . . . . .	1 25
R. Woodman Mfg. & Supply Co., lead seals . . . . .	8 45
	<hr/>
	<u>\$1,951 33</u>

**Sewer Assessments.**

## CREDIT.

Receipts:—

Cash, received of sundry persons . . . . .	\$543 04
Balance to debit of account, 1909 . . . . .	4,218 56
	<hr/>
	\$4,761 60

## DEBIT.

Balance from 1907 . . . . .	\$2,376 59
Sewers Construction account, assessments levied . . . . .	2,385 01
	<hr/>
	\$4,761 60

**Sewers, Construction.**

## CREDIT.

Appropriations, from Funded Debt, 1908 . . . . .	\$30,000 00
Sewer Assessments account, assessments levied . . . . .	2,385 01
	<hr/>
	\$32,385 01
Less balance from 1907 . . . . .	369 01
	<hr/>
	\$32,016 00

Reduced by the following transfers:—

Grade Crossings account . . . . .	\$1,000 00
Public Grounds, Construction account . . . . .	1,500 00
	<hr/>
	2,500 00
	<hr/>
	\$29,516 00
Balance to credit of account, 1909 . . . . .	10,832 03
	<hr/>
	\$18,683 97

Receipts:—

Cash, received of Berry & Ferguson, bags . . . . .	\$232 35
Sidney B. Keene, cement . . . . .	3 00
George B. Jeffrey, fee for entering sewer . . . . .	30 34
	<hr/>
	265 69

Stock and labor billed other departments:—

Highways, Maintenance account, cement . . . . .	\$1,098 67
Sidewalks, Construction account, edge- stones . . . . .	16 88
	<hr/>
	1,115 55
	<hr/>
	\$20,065 21

## DEBIT.

(Expenditures.)

Cash, paid laborers . . . . .	\$3,626 98
Timothy F. Crimmings, constructing sewer:—	
Myrtle street . . . . .	21 72
Kent court . . . . .	303 51
Bowdoin street . . . . .	416 91
Mystic avenue . . . . .	1,761 74
College avenue . . . . .	628 88
	<hr/>
Amount carried forward . . . . .	\$6,759 74



Amount brought forward . . . . .	\$6,759 74	
Garfield avenue . . . . .	2,850 21	
Mallet street and Willow avenue . . . . .	149 90	
James H. Fannon, constructing sewer:—		
Lowden avenue, etc. . . . .	99 33	
Charles A. Kelley, constructing sewer:—		
Park street . . . . .	147 90	
Tufts College and Powder House		
boulevard . . . . .	300 00	
Private lands, etc. . . . .	613 98	
William J. McCarthy, constructing		
sewer:—		
Grant street . . . . .	200 00	
Bartholomew Burke, constructing		
sewer:—		
Newbury street . . . . .	162 26	
Sacramento street . . . . .	714 19	
F. C. Ayer, lumber . . . . .	86 11	
Charles E. Berry, ring . . . . .	3 75	
William H. Casey & Co., bricks . . . . .	437 69	
Edwin O. Childs, recording . . . . .	7 45	
Davenport-Brown Co., lumber . . . . .	2 66	
Eastern Expanded Metal Co., metal . . . . .	54 72	
Thomas Groom & Co., books . . . . .	16 50	
Highland Coal Co., cement . . . . .	261 80	
W. B. Mullen, gravel . . . . .	28 00	
New England Brick Co., bricks . . . . .	43 50	
Somerville Iron Foundry, castings . . . . .	762 83	
W. A. Sanborn & Co., bricks . . . . .	23 90	
Somerville Journal Co., advertising . . . . .	12 00	
James Tevlin, teaming . . . . .	1,014 74	
C. L. Underhill, steps . . . . .	1 85	
Waldo Brothers, cement and drain pipe . . . . .	4,336 78	
Frederick B. Witherley, castings . . . . .	124 18	
I. B. Walker, sharpening . . . . .	5 95	
	<hr/>	
	\$19,221 92	
City Engineer account, labor . . . . .	395 00	
Highways, Maintenance account, labor, etc., . . . . .	32 90	
Public Grounds account, sand . . . . .	139 50	
Sewers, Maintenance account, labor . . . . .	250 76	
Water, Maintenance account, pipe . . . . .	25 13	
	<hr/>	
		\$20,065 21

**Sewers, Maintenance.**

## CREDIT.

Water Works Income, amount appropriated . . . . .	\$12,000 00	
Excess and Deficiency account, balance transferred . . . . .	1 05	
	<hr/>	
		\$11,998 95
Receipts:—		
Cash, received of Walter A. Rice, deed . . . . .	\$1 00	
American Tube Works, labor . . . . .	29 95	
Waldo Brothers, bags . . . . .	282 87	
Highland Coal Co., bags . . . . .	40 75	
Boston Elevated Railway Co., labor, etc., . . . . .	2 89	
J. J. McCarthy, old iron . . . . .	2 70	
D. W. Lewis Co., bags . . . . .	1 89	
	<hr/>	
Amounts carried forward . . . . .	\$362 05	\$11,998 95

# APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 127

Amounts brought forward . . . .	\$362 05	\$11,998 95
Berry & Ferguson, bags . . . .	66 00	
Bay State Oil Co., part cost of storm drain outlet . . . . .	50 00	
		<hr/> 478 05
Stock and labor billed other departments:—		
City Engineer account, setting bounds .	\$100 00	
Highways, Construction account, labor .	10 00	
Sewers, Construction account, labor, etc. .	250 76	
		<hr/> 360 76
		<hr/> \$12,837 76

## DEBIT. (Expenditures.)

Cash, paid laborers . . . . .	\$7,366 30	
F. C. Ayer, lumber . . . . .	8 14	
Charles E. Berry, boiler plate . . . .	9 95	
Broad Gauge Iron Works, ball . . . .	3 00	
Boston & Maine Railroad Corporation, freight . . . . .	8 00	
William H. Casey & Co., bricks . . . .	79 52	
Cornelius Callahan Co., repairing hose .	7 00	
E. W. Danforth, disbursements . . . .	36 00	
Davenport-Brown Co., oak . . . . .	15	
Edson Mfg. Co., diaphragms . . . . .	10 80	
Fresh Pond Ice Co., damages . . . . .	19 00	
E. A. Gillett & Sons, sewer rods . . . .	32 50	
Thomas Groom & Co., books . . . . .	16 50	
Gibby Foundry Co., strips . . . . .	45 00	
William S. Howe, repairing stove . . . .	4 13	
Martin & Wood, picking lock, etc. . . .	90	
Hemeon Brothers, labor . . . . .	17 98	
William Harford, labor and materials . .	16 00	
A. R. Hyde, rubber boots . . . . .	56 88	
D. Mahoney, repairing rubber boots . . .	11 75	
Martin & Wood, sharpening . . . . .	3 80	
George W. Manning, repairing . . . . .	10 25	
New England Oil Co., oil . . . . .	14 82	
New England Telephone & Telegraph Co., service . . . . .	77 59	
M. Norton & Co., hose . . . . \$76 80		
(Cash) . . . . .	13 25	
		<hr/> 63 55
Somerville Iron Foundry, cast- ings . . . . .	\$173 29	
(Cash) . . . . .	27 50	
		<hr/> 145 79
Irwin L. Smith, harness . . . . .	30 00	
James Tevlin, teaming . . . . .	4,555 19	
Mildred K. Tevlin, repairing flags . . . .	2 25	
C. L. Underhill, manhole steps, etc. . . .	13 10	
I. B. Walker, repairing . . . . .	34 38	
Whitney & Snow, shovels, etc. . . . .	65 31	
John M. Woods & Co., lumber . . . . .	14 40	
Waldo Brothers, grate, etc. . . . .	12 61	
Frederick B. Witherley, castings . . . .	31 11	
		<hr/> \$12,823 65
Highways, Maintenance account, labor and materials . . . . .	14 11	
		<hr/> \$12,837 76

**Sidewalk Assessments.**

## CREDIT.

Receipts:—

Cash, received of sundry persons . . . . .	\$16,534 58
Balance to debit of account, 1909 . . . . .	7,987 16
	<hr/>
	\$24,521 74

## DEBIT.

Balance from 1907 . . . . .	\$6,948 77
Sidewalks, Construction account, assessments levied . . . . .	17,572 97
	<hr/>
	\$24,521 74

**Sidewalks, Construction.**

## CREDIT.

Appropriations, from Funded Debt, 1908 . . . . .	\$13,000 00
Transferred from Highways, Construction account . . . . .	6,500 00
	<hr/>
	\$19,500 00
Less balance from 1907 . . . . .	1,036 83
	<hr/>
	\$18,463 17
Sidewalk Assessments account, assessments levied . . . . .	17,572 97
Receipts:—	
Cash, received of sundry persons, constructing sidewalks . . . . .	295 38
	<hr/>
	\$36,331 52
Balance to credit of account, 1909 . . . . .	309 13
	<hr/>
	\$36,022 39

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$14,133 61
F. C. Ayer, lumber . . . . .	27 23
Thomas Groom & Co., books . . . . .	18 50
T. E. Littlefield, lumber . . . . .	7 33
S. & R. J. Lombard, edgestones and circles . . . . .	13,434 94
W. A. Sanborn & Co., bricks . . . . .	2,480 75
	<hr/>
	\$30,102 36
Highways, Maintenance account, use of city teams . . . . .	4,876 23
Highways, Paved Gutters and Crossings account, bricks . . . . .	15 00
Public Grounds account, sods . . . . .	314 31
Sewers, Construction account, edgestones . . . . .	16 88
Sidewalk Assessments account, assessments, . . . . .	555 01
Sidewalks, Maintenance account, materials, . . . . .	142 60
	<hr/>
	\$36,022 39

**Sidewalks, Maintenance.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$2,000 00
Transferred from Highways, Maintenance account . . . . .	2,000 00

	<u>\$4,000 00</u>
Excess and Deficiency account, balance transferred . . . . .	1,007 68

\$2,992 32

## Receipts:—

Cash, received of John Nolan, bricks . . . . .	6 00
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## Stock and labor billed other departments:—

Highways, Maintenance account, bricks . . . . .	\$13 85
Sidewalks, Construction account, bricks . . . . .	142 60

156 45\$3,154 77

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$2,325 70
Thomas Allen, repairing sidewalk . . . . .	15 00
William H. Casey & Co., bricks . . . . .	32 50
W. A. Sanborn & Co., bricks . . . . .	369 44
Homer A. White, edgestones . . . . .	9 25

\$2,751 89

Highways, Maintenance account, use of city teams . . . . .	394 88
Public Grounds account, sods . . . . .	8 00

\$3,154 77**Soldiers' Burials.**

## DEBIT.

## (Expenditures.)

Cash, paid John Bryant's Sons, burials . . . . .	\$140 00
Joseph P. Crosby, burial . . . . .	35 00
John H. Dusseault, services as burial agent . . . . .	28 00
David Fudge & Son, burial . . . . .	35 00
John E. Kauler, burial . . . . .	35 00
Joseph J. Kelley & Son, burial . . . . .	35 00
Murphy & Turnbull, burial . . . . .	35 00
Patrick J. McArdle, burial . . . . .	35 00
John J. Ross, burial . . . . .	35 00
F. M. Wilson, burials . . . . .	105 00

\$518 00

Commonwealth of Massachusetts, amount charged De- cember 31, 1908 . . . . .	<u>\$518 00</u>
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**Soldiers' Monument.**

## CREDIT.

Balance from 1907 . . . . .	\$19,950 00
Balance of account unused, carried to 1909 . . . . .	11,418 47

\$8,531 53



## DEBIT.

## (Expenditures.)

Cash, paid Boston Elevated Railway Co., special cars . . . . .	\$24 00	
Benjamin F. Freeman, photograph . . . . .	1 50	
Gilman Express Co., expressing . . . . .	15	
Ginn & Co., music . . . . .	2 55	
S. Henry Hadley, professional services . . . . .	15 00	
Augustus Lukeman, contract . . . . .	7,964 00	
Walter T. Littlefield, expenses to New York, and disbursements . . . . .	105 00	
B. L. Makepeace, blue prints . . . . .	1 25	
T. F. McGann & Sons Co., cast bronze north point . . . . .	10 00	
Charles F. Mills, carpentering . . . . .	3 50	
J. E. L. McLean, carpentering . . . . .	301 33	
Winter Hill Press, printing . . . . .	3 25	
Henry A. Wheeler & Co., hire of tent . . . . .	100 00	
		<u>\$8,531 53</u>

**Soldiers' Relief.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$22,000 00
Excess and Deficiency account, balance transferred . . . . .	611 77
	<u>\$22,611 77</u>

## DEBIT.

## (Expenditures.)

Cash, paid sundry persons as per pay rolls . . . . .	\$22,659 02	
(Cash) . . . . .	52 00	
	<u>\$22,607 02</u>	
Somerville Coal Co., coal . . . . .	3 75	
K. W. Wood, envelopes . . . . .	1 00	
		<u>\$22,611 77</u>

**Somerville Hospital.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$5,000 00
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## DEBIT.

## (Expenditures.)

Cash, paid for support of sick poor . . . . .	<u>\$5,000 00</u>
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**State Aid.**

## CREDIT.

Commonwealth of Massachusetts, state aid paid in 1908 . . . . .	\$16,892 00
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## DEBIT.

## (Expenditures.)

Cash, paid monthly pay rolls . . . . .	\$16,946 00	
(Cash) . . . . .	54 00	
		<u>\$16,892 00</u>

**Street Lights.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$57,000 00
School Teachers' Salaries account, amount transferred . . . . .	7,000 00
	<hr/>
	\$50,000 00

## DEBIT.

## (Expenditures.)

Cash, paid Edison Electric Illuminating Co., on account . . . . .	<u>\$50,000 00</u>
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**Sundry Persons.**

## CREDIT.

Balance from 1907 . . . . .	\$530 71
Cash, sundry persons, money not called for . . . . .	168 94
	<hr/>
	\$699 65

## DEBIT.

Balance to credit of account, 1909 . . . . .	<u>\$699 65</u>
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**Support of Poor, City Home.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$3,000 00
Excess and Deficiency account, balance transferred . . . . .	796 23
	<hr/>
	\$2,203 77

## Receipts:—

Cash, received of J. Foster Colquhoun, produce . . . . .	\$3,642 79
Town of Arlington, board . . . . .	631 50
H. E. Fiske Seed Co., produce . . . . .	91 37
Charles V. Elkins, aid . . . . .	60 50
Ann Conn, aid . . . . .	46 00
William E. Veazie, aid . . . . .	10 00
Fred L. Hawkins, aid . . . . .	33 42
	<hr/>
	4,515 58
Health Department, Contagious Disease Hospital account, produce . . . . .	156 21
	<hr/>
	\$6,875 56

## DEBIT.

## (Expenditures.)

Cash, paid J. Foster Colquhoun, salary as warden . . . . .	\$700 00
disbursements . . . . .	78 40
Mrs. Catherine Colquhoun, matron . . . . .	350 00
Farm help . . . . .	951 26
House help . . . . .	408 67
Andrew Blyth, groceries . . . . .	39 00
George W. Clatur & Co., groceries . . . . .	9 90
Clark Brothers Co., groceries . . . . .	38 39
Chase & Sanborn, groceries . . . . .	81 81
Rowland Crocker & Son, groceries . . . . .	58
	<hr/>
Amount carried forward . . . . .	\$2,658 01

Amount brought forward . . . .	\$2,658 01
Chapin Brothers, groceries . . . .	41 04
L. M. Dyer & Co., groceries . . . .	162 01
J. H. Dickerman, groceries . . . .	30 61
Clark Brothers, groceries . . . .	9 90
L. C. Fisher & Co., groceries . . . .	3 85
George G. Fox Co., groceries . . . .	94 95
Goodenough & Co., groceries . . . .	10 03
C. D. Gallagher, groceries . . . .	3 43
F. J. Hopkins, groceries . . . .	117 29
C. F. Hathaway, groceries . . . .	50 32
H. P. Hood & Sons, groceries . . . .	44 10
Charles A. Holmes, groceries . . . .	6 72
E. F. Hicks, groceries . . . .	1 50
Amos Keyes & Co., groceries . . . .	43 32
National Biscuit Co., groceries . . . .	63 93
Newcomb & Paine, groceries . . . .	86 55
New England Mfg. Co., groceries . . . .	122 10
J. S. Newcomb & Co., groceries . . . .	402 69
J. W. Roberts & Co., groceries . . . .	409 61
C. L. Stevens, groceries . . . .	61 16
F. A. Weldon, groceries . . . .	79 34
D. L. Bolger, veterinary services . . . .	2 50
Bowers & DeWick, dry goods . . . .	9 00
Boston Plate & Window Glass Co., glass . . . .	5 35
D. J. Bennett, harness work . . . .	5 75
Boston & Maine Railroad Corporation, freight . . . .	4 40
Joseph Breck & Sons Corporation, seeds . . . .	33 48
H. A. Brownell, repairing harness . . . .	1 95
Brown-Durrell Co., clothing . . . .	33 87
Cambridge Ice Co., ice . . . .	17 85
Henry N. Clark Co., range repairing . . . .	3 40
Carlisle-Ayer Co., door and frame . . . .	4 30
Chase & Sanborn, coffee . . . .	3 63
J. H. Derby, repairing clocks . . . .	5 20
Farley, Harvey & Co., blankets . . . .	112 56
H. E. Fiske Seed Co., seeds . . . .	9 06
Willis S. Furbush & Co., medicine . . . .	16 91
Thomas Groom & Co., stationery . . . .	4 85
Gilman Express Co., expressing . . . .	4 30
D. J. Green & Co., brooms, etc. . . .	11 82
M. J. Gallagher & Co., boxes . . . .	3 50
Walter Gordon & Co., pig . . . .	10 00
H. E. Gustin, plants . . . .	4 58
Hale & Mayhew Co., repairing wagons, . . . .	5 25
Highland Coal Co., lime . . . .	7 00
I. N. Holman, sharpening mowers . . . .	7 30
Percy A. Hall, medicine . . . .	42 97
Hovey & Co., seeds . . . .	1 75
Highland Coal Co., lime and cement . . . .	3 90
Jordan Marsh Co., kitchen ware . . . .	85 58
Dr. Alfred E. Knight, dental work . . . .	2 00
George W. Ladd, horseshoeing . . . .	39 30
Lord & Webster, hay . . . .	108 19
C. W. Lerner & Co., disinfectant . . . .	4 00
McGreenery & Manning, tobacco . . . .	44 72
Massachusetts State Prison, clothing . . . .	39 00
Amount carried forward . . . .	<hr/> \$5,201 68

Amount brought forward . . . . .	\$5,201 68	
Martin & Wood, sharpening saws . . . . .	90	
New England Telephone & Telegraph Co., service . . . . .	50 13	
Fulton O'Brien, grain . . . . .	246 51	
Terence Owens, newspapers . . . . .	6 24	
Pittsburg Plate Glass Co., glass . . . . .	2 84	
Parry Brick Co., bricks . . . . .	4 00	
Park & Pollard Co., chicken feed . . . . .	25 48	
Proctor Brothers, oats . . . . .	186 93	
George G. Page Paper Box Co., boxes . . . . .	91 60	
W. E. Plumer & Co., hardware . . . . .	34 93	
Joseph J. Pincus, hose . . . . .	18 75	
C. F. Penney, celery plants . . . . .	7 00	
Reuben Ring & Co., medicine . . . . .	20 75	
W. W. Rawson & Co., seeds . . . . .	1 00	
J. E. Richardson, veterinary services . . . . .	17 00	
John P. Squire & Co., shavings . . . . .	17 50	
E. S. Sparrow & Co., hardware . . . . .	6 78	
Parke Snow, dry goods . . . . .	93 31	
E. D. Sawyer Lumber Co., lumber . . . . .	33 23	
Schlegel & Fottler Co., seeds . . . . .	59 29	
Stumpp & Walter Co., seeds . . . . .	16 47	
Sherman & Eberle, seeds . . . . .	1 18	
Shea Lubricator Co., lubricator . . . . .	1 00	
Trueman H. Thorpe, carpentering . . . . .	109 36	
George H. Thayer, boots and shoes . . . . .	69 05	
Nathan Tufts & Sons, grain . . . . .	68 65	
Underhill Hardware Co., hardware . . . . .	13 30	
West Disinfecting Co., disinfectant . . . . .	11 25	
Wilson, Larrabee & Co., dry goods . . . . .	19 21	
William J. Wiley, hardware . . . . .	79 06	
M. F. Wilbur, corn . . . . .	1 70	
I. B. Walker, wagon repairs . . . . .	66 00	
E. Zacharias, hair cutting . . . . .	2 25	
	<hr/>	
	\$6,584 38	
Health Department, Collection Ashes and Offal account, offal . . . . .	287 50	
Water, Maintenance account, water pipe . . . . .	3 68	
	<hr/>	
		\$6,875 56

**Support of Poor, Miscellaneous.**

CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$13,500 00	
Excess and Deficiency account, balance transferred . . . . .	649 14	
	<hr/>	
		\$14,149 14
Receipts:—		
Commonwealth of Massachusetts, support of state paupers . . . . .		1,178 56
Cash, received of sundry persons, aid . . . . .	\$453 45	
For support of paupers:—		
Town of Arlington . . . . .	21 43	
Town of Ashburnham . . . . .	21 43	
Town of Boylston . . . . .	8 57	
Town of Belmont . . . . .	28 00	
	<hr/>	
Amounts carried forward . . . . .	\$532 88	\$15,327 70



Amounts brought forward . . . .	\$532 88	\$15,327 70
Town of Brookline . . . .	22 86	
Town of Clinton . . . .	21 43	
Town of Framingham . . . .	18 30	
Town of Leominster . . . .	52 31	
Town of Milton . . . .	1 50	
Town of Rockport . . . .	39 44	
Town of Southboro . . . .	16 00	
Town of Stow . . . .	22 60	
Town of Stoneham . . . .	50 21	
Town of Truro . . . .	1 00	
Town of Walpole . . . .	13 43	
Town of Weston . . . .	9 20	
Town of Weymouth . . . .	25 29	
City of Boston . . . .	542 29	
City of Cambridge . . . .	432 51	
City of Chelsea . . . .	59 55	
City of Everett . . . .	98 52	
City of Fall River . . . .	4 60	
City of Gloucester . . . .	30 73	
City of Marlboro . . . .	13 75	
City of Malden . . . .	38 30	
City of Medford . . . .	32 73	
City of Northampton . . . .	50 00	
City of New Bedford . . . .	11 63	
City of Newton . . . .	192 73	
City of Salem . . . .	7 30	
City of Springfield . . . .	60 70	
City of Waltham . . . .	87 00	
City of Woburn . . . .	19 45	
City of Worcester . . . .	105 40	
Massachusetts State Sanatorium, over-charge . . . .	12 57	
Boston City Hospital, overcharge . . . .	1 43	
		2,627 64
		<u>\$17,955 34</u>

## DEBIT.

## (Expenditures.)

Cash, paid Charles C. Folsom, salary as agent . . . .	\$1,600 00
disbursements . . . .	156 44
C. Clarke Towle, M. D., city physician . . . .	1,500 00
Cora F. Lewis, secretary . . . .	700 00
Florence R. Kenneson, clerical services . . . .	44 67
Relief of paupers:—	
City of Boston . . . .	1,817 24
City of Cambridge . . . .	163 63
City of Chelsea . . . .	105 13
City of Haverhill . . . .	9 45
City of Malden . . . .	23 50
City of Medford . . . .	22 94
City of Newton . . . .	11 43
City of Salem . . . .	16 50
City of Woburn . . . .	31 25
City of Worcester . . . .	47 14
Town of Attleboro . . . .	100 00
Town of Pepperell . . . .	263 40
Amount carried forward . . . .	<u>\$6,612 72</u>

Amount brought forward . . . . .	\$6,612 72
Commonwealth of Massachusetts . . . . .	492 63
Massachusetts Hospital for Epileptics, . . . . .	1,044 64
Massachusetts School for Feeble- . . . . .	
Minded . . . . .	1,019 52
Foxboro State Hospital . . . . .	240 68
Somerville Hospital . . . . .	1,555 73
Benjamin W. Goldsmith, board . . . . .	25 14
Edward Hunnewell, board . . . . .	52 31
E. C. Ingersoll, board . . . . .	4 43
Maria L. Meserve, board . . . . .	52 31
Children's Mission, board . . . . .	78 00
Edith Nutt, board . . . . .	104 59
Ascenith Sawyer, board . . . . .	184 98
Emiline K. Willis, board . . . . .	52 31
H. G. Applin, groceries . . . . .	232 00
C. E. Barrows, groceries . . . . .	133 00
Charles S. Butters, groceries . . . . .	141 00
Mrs. N. R. Barrows, groceries . . . . .	20 50
James Bartley, groceries . . . . .	260 50
W. P. Blanchard, groceries . . . . .	10 00
Edward Coliten & Son, groceries . . . . .	281 00
F. E. Cheney Co., groceries . . . . .	64 00
A. F. Carpenter, groceries . . . . .	166 00
James Davis, groceries . . . . .	208 00
Dowd & Gorman, groceries . . . . .	20 50
J. F. Dowd, groceries . . . . .	123 50
A. T. French, groceries . . . . .	98 00
Charles F. Giles, groceries . . . . .	639 50
Grace & Hatfield, groceries . . . . .	6 00
F. A. E. Jewell, groceries . . . . .	196 00
M. A. Kimball, groceries . . . . .	102 00
C. R. King, groceries . . . . .	3 00
M. D. Lewis, groceries . . . . .	306 00
D. A. Mackay, groceries . . . . .	44 50
James H. Maguire Co., groceries . . . . .	119 50
W. M. McDonald, groceries . . . . .	112 00
W. E. McNamara & Co., groceries . . . . .	73 00
J. D. McLellan, groceries . . . . .	145 00
North Packing & Provision Co., . . . . .	
groceries . . . . .	457 50
T. H. O'Brien, groceries . . . . .	2 00
A. E. Robie, groceries . . . . .	48 00
Charles H. Sands, groceries . . . . .	534 00
R. M. Sturtevant & Co., groceries . . . . .	471 00
Benjamin E. White, groceries . . . . .	26 00
Allen Brothers, rubber stamp . . . . .	2 25
Herbert E. Bowman, medicine . . . . .	20 85
J. H. Brooks, dry goods . . . . .	2 00
George W. Butters, year book . . . . .	2 00
Carter's Ink Co., ink . . . . .	1 25
Charles W. Dailey, ambulance . . . . .	35 00
M. Driscoll & Son, burial . . . . .	15 00
Edward Edwards, medicine . . . . .	70 88
W. J. Emerson, boots and shoes . . . . .	7 25
Fresh Pond Ice Co., ice . . . . .	1 70
W. A. Flaherty & Son, burial . . . . .	15 00
F. W. Gilbert, boots and shoes . . . . .	33 75
Thomas Groom & Co., stationery . . . . .	14 53

Amount carried forward . . . . .	<u>\$16,834 45</u>
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Amount brought forward . . . . .	\$16,834 45	
C. H. Goldthwaite & Co., medicine . . . . .	35 12	
W. A. Greenough & Co., directory . . . . .	4 00	
G. F. Harvey Co., medicine . . . . .	59 29	
David H. Hyde, boots and shoes . . . . .	1 20	
Samuel Hurwitz, boots and shoes . . . . .	1 25	
Howard Lowell & Son, carriage hire . . . . .	8 00	
Lincoln & Perry, printing . . . . .	4 00	
E. S. Merriam, medicine . . . . .	4 80	
Alfred E. Mann, burials . . . . .	55 00	
G. F. McKenna, burial . . . . .	5 00	
Murphy & Turnbull, burial . . . . .	5 00	
New England Telephone & Telegraph Co., service . . . . .	111 70	
P. H. Rafferty, burial . . . . .	15 00	
Somerville Visiting Nursing Associa- tion, nursing . . . . .	98 50	
Somerville Journal Co., printing . . . . .	2 25	
Smith-Premier Typewriter Co., repairs . . . . .	3 55	
Frank A. Teele, fuel . . . . .	7 31	
Wellington-Wild Coal Co., fuel . . . . .	699 92	
		<u>\$17,955 34</u>

**Suppression of Elm Leaf Beetle.**

## CREDIT.

Interest account, amount transferred . . . . .	\$1,000 00
Excess and Deficiency account, balance transferred . . . . .	1 55
	<u>\$998 45</u>

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$763 14
Merrimac Chemical Co., arsenate lead . . . . .	60 00
Martin & Wood, repairs and tools . . . . .	4 15
New England Oil Co., oil . . . . .	19 26
W. E. Plumer & Co., hardware . . . . .	4 30
A. P. Rockwood, use of horse . . . . .	65 00
Smith & Thayer, spray pumps . . . . .	9 00
Underhill Hardware Co., hose . . . . .	15 50
Asahel Wheeler Co., arsenate lead . . . . .	24 50
	<u>\$964 85</u>
Highways, Maintenance account, use of city teams . . . . .	33 60
	<u>\$998 45</u>

**Suppression of Gypsy and Brown-Tail Moths.**

## CREDIT.

Appropriations, from Taxes, 1908 . . . . .	\$4,000 00
Taxes, assessments levied . . . . .	788 74
Receipts:—	
Cash, received of New England Telephone & Telegraph Co., labor . . . . .	26 65
	<u>\$4,815 39</u>
Excess and Deficiency account, balance transferred . . . . .	256 41
	<u>\$5,071 80</u>

DEBIT.  
(Expenditures.)

Cash, paid laborers . . . . .	\$4,172 59
Boston Elevated Railway Co., car tickets . . . . .	10 00
William H. Claflin & Co., burlap . . . . .	34 97
Fellows & Co., poles, etc. . . . .	19 31
Frost Insecticide Co., insecticide . . . . .	31 90
Thomas Groom & Co., stationery . . . . .	3 15
Hale & Mayhew Co., repairing tools . . . . .	1 50
Florence Ham, clerical work . . . . .	50 67
Mabel E. Hall, clerical work . . . . .	12 00
McGrath & Woodley, books and stationery . . . . .	32 00
Martin & Wood, repairing tools . . . . .	12 75
Merrimac Chemical Co., arsenate lead . . . . .	73 00
New England Oil Co., oil . . . . .	19 13
W. E. Plumer & Co., supplies . . . . .	62 25
A. P. Rockwood, teaming . . . . .	233 50
Russell & Co., brooms and soap . . . . .	19 63
Somerville Journal Co., printing . . . . .	111 00
Somerville Post-office, postage . . . . .	10 00
P. Sutherland & Co., creosote oil . . . . .	10 00
Underhill Hardware Co., hardware . . . . .	58 76
Walsh Brothers, labor and use of teams, . . . . .	10 74
G. H. Worcester & Co., wire brushes . . . . .	5 25

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\$4,994 10

Highways, Maintenance account, use of city teams . . . . .	77 70
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\$5,071 80

**Taxes.**

CREDIT.

Receipts:—

Cash, received for taxes of 1901 . . . . .	\$5 18
“ “ “ “ 1902 . . . . .	10 98
“ “ “ “ 1903 . . . . .	14 00
“ “ “ “ 1904 . . . . .	99 44
“ “ “ “ 1905 . . . . .	233 64
“ “ “ “ 1906 . . . . .	1,354 05
“ “ “ “ 1907 . . . . .	232,134 62
“ “ “ “ 1908 . . . . .	966,799 41

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\$1,250,651 32

Overlay and Abatement:—

Abatements on taxes of 1901 . . . . .	\$159 00
“ “ “ “ 1902 . . . . .	1,150 56
“ “ “ “ 1903 . . . . .	84 28
“ “ “ “ 1904 . . . . .	144 36
“ “ “ “ 1905 . . . . .	22 00
“ “ “ “ 1906 . . . . .	646 00
“ “ “ “ 1907 . . . . .	2,016 96
“ “ “ “ 1908 . \$6,963 24	
	71 65

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7,034 89

Real Estate Liens, Taxes of 1902, City of Cambridge . . . . .	11,253 05
	334 56

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Amount carried forward . . . . . \$1,262,243 93



Amount brought forward . . . . .	\$1,262,243 93
Balance to debit of account, 1909:—	
Being uncollected taxes of 1903 . . . . .	\$2,690 14
“ “ “ “ 1904 . . . . .	2,764 80
“ “ “ “ 1905 . . . . .	3,705 10
“ “ “ “ 1906 . . . . .	4,148 62
“ “ “ “ 1907 . . . . .	7,108 07
“ “ “ “ 1908 . . . . .	279,588 50
	<hr/>
	300,005 23
	<hr/>
	\$1,562,249 16

## DEBIT.

Balance from 1907 . . . . .	\$308,826 36
Tax Levy, as per assessors' warrant of August 10, 1908 . . . . .	1,237,694 72
Supplementary warrants, amounts credited to Overlay and Abatement account . . . . .	15,728 08
	<hr/>
	\$1,562,249 16

**Temporary Loans.**

## CREDIT.

Balance from 1907 . . . . .	\$380,000 00
Cash, borrowed by authority of the Board of Aldermen on notes as follows:—	
City Note No. 665, nine months, 4½ per cent., discounted . . . . .	\$25,000 00
City Notes Nos. 666-668, 670, 672-675, 262 days, 4½ per cent., discounted . . . . .	100,000 00
City Note No. 664, nine months, 4½ per cent., discounted . . . . .	50,000 00
City Note No. 676, seven months, 15 days, 4½ per cent., discounted . . . . .	25,000 00
City Note No. 677, 214 days, 4.15 per cent., discounted . . . . .	25,000 00
City Note No. 678, eight months, 4.25 per cent., discounted . . . . .	50,000 00
City Note No. 679, one year, 4 per cent., discounted . . . . .	25,000 00
City Note No. 680, twelve months, 4 per cent., discounted . . . . .	50,000 00
City Note No. 681, twelve months, 4 per cent., discounted . . . . .	50,000 00
City Notes Nos. 682-685, 244 days, 3.85 per cent., discounted . . . . .	150,000 00
City Note No. 686, twelve months, 3¾ per cent. . . . .	25,000 00
City Note No. 687, twelve months, 3.85 per cent. . . . .	50,000 00
City Note No. 688, twelve months, 3¾ per cent. . . . .	25,000 00
City Note No. 690, 36 days, 3 per cent. . . . .	50,000 00
	<hr/>
	700,000 00
	<hr/>
	\$1,080,000 00

## DEBIT.

## (Expenditures.)

Cash, paid as follows:—

City Note No. 661 . . . . .	\$30,000 00
City Note No. 662 . . . . .	20,000 00
City Note No. 660 . . . . .	25,000 00
City Note No. 663 . . . . .	30,000 00
City Note No. 647 . . . . .	50,000 00
City Note No. 658 . . . . .	25,000 00
City Note No. 650 . . . . .	25,000 00
City Note No. 651 . . . . .	15,000 00
City Note No. 652 . . . . .	10,000 00
City Note No. 653 . . . . .	25,000 00
City Note No. 648 . . . . .	30,000 00
City Note No. 649 . . . . .	20,000 00
City Note No. 654 . . . . .	50,000 00
City Note No. 659 . . . . .	10,000 00
City Note No. 646 . . . . .	15,000 00
City Note No. 664 . . . . .	50,000 00
City Note No. 666 . . . . .	10,000 00
City Note No. 667 . . . . .	10,000 00
City Note No. 668 . . . . .	10,000 00
City Note No. 670 . . . . .	10,000 00
City Note No. 672 . . . . .	15,000 00
City Note No. 673 . . . . .	15,000 00
City Note No. 674 . . . . .	15,000 00
City Note No. 675 . . . . .	15,000 00
City Note No. 677 . . . . .	25,000 00
City Note No. 690 . . . . .	50,000 00
City Note No. 665 . . . . .	25,000 00
City Note No. 676 . . . . .	25,000 00
City Note No. 678 . . . . .	50,000 00

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\$705,000 00

Balance to credit of account, 1909 . . . 375,000 00

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\$1,080,000 00**Water Loan Interest.**

## CREDIT.

Water Works Income, amount appropriated . . . \$2,720 00

## DEBIT.

Coupons maturing April 1, 1908:—

\$26,000, six months, 4 per cent. . . \$520 00

Coupons maturing July 1, 1908:—

\$12,000, six months, 4 per cent. . . 240 00

Coupons maturing October 1, 1908:—

\$26,000, six months, 4 per cent. . . 520 00

Coupons maturing January 1, 1909:—

\$10,000, six months, 4 per cent. . . 200 00

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\$1,480 00

Registered Bonds:—

Interest due April 1, 1908 . . \$620 00

Interest due October 1, 1908 . . 620 00

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1,240 00

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\$2,720 00

**Water Maintenance.**

## CREDIT.

Water Works Income, amount appropriated . . . . .	\$30,000 00
Water Works Extension account, amount transferred . . . . .	1,549 13
	<hr/>
	\$31,549 18
Water Works Income account, balance transferred . . . . .	1,012 13
	<hr/>
	\$30,537 05

## Receipts:—

Cash, received of sundry persons, costs . . . . .	\$32 00	
Sundry persons, pipe, fittings, etc. . . . .	2,903 20	
Edison Electric Illuminating Co., grounding wires . . . . .	250 00	
	<hr/>	3,185 20
Stock and labor billed other departments:—		
Highways, Maintenance account, labor . . . . .	\$53 64	
Highways, Watering Streets account, water posts . . . . .	234 44	
Public Grounds account, labor . . . . .	100 69	
Sewers, Construction account, pipe . . . . .	25 13	
Support of Poor, City Home account, labor, . . . . .	3 68	
Water Works Extension account, stock . . . . .	12,932 68	
	<hr/>	13,355 26
		<hr/>
		\$47,077 51

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$18,893 26
Frank E. Merrill, salary as water com- missioner . . . . .	2,300 00
disbursements . . . . .	184 35
Charles E. Childs, inspector . . . . .	1,001 71
disbursements . . . . .	48 45
Lillian E. Leavitt, assistant . . . . .	900 00
disbursements . . . . .	8 70
Laura E. Peavey, assistant . . . . .	700 00
Marion L. Morrison, clerical services . . . . .	304 00
Josephine M. Briggs, clerical services . . . . .	32 00
American Express Co., expressing . . . . .	64 15
Philip Aberle, stamps . . . . .	403 72
Anderson Coupling Co., fittings . . . . .	74 67
American Stave & Cooperage Co., tank . . . . .	17 00
Boston & Maine Railroad Corporation, freight . . . . .	141 82
Braman, Dow & Co., pipe and fittings . . . . .	637 31
D. J. Bennett, harness repairs . . . . .	72 70
Charles Booth, wood . . . . .	25 00
Brosnihan Wrench Co., wrenches . . . . .	18 00
Herbert E. Bowman, medicine . . . . .	7 62
W. B. Brown & Co., guards . . . . .	12 44
Boston Elevated Railway Co., tickets . . . . .	25 00
Harold L. Bond Co., tools and packing . . . . .	27 93
Bay State Oil Co., gasoline . . . . .	1 00
George F. Blake Mfg. Co., machine work . . . . .	20 00
J. F. Berton, painting . . . . .	7 50
	<hr/>
Amount carried forward . . . . .	\$25,923 33

Amount brought forward . . . . .	\$25,928 33
Builders' Iron Foundry, reading glass . . . . .	2 00
Baker Asphalt Paving Co., repairing pavement . . . . .	19 00
Chapman Valve Mfg. Co., valves, etc. . . . .	62 06
Chadwick Boston Lead Co., pipe . . . . .	240 49
Columbia-Webcowit Press, printing . . . . .	30 50
William H. Casey & Co., bricks . . . . .	11 18
Clifford Wagon Co., wagon . . . . .	125 00
William R. Conard, inspecting pipe . . . . .	16 04
Churcher Electric & Mfg. Co., aqua-phones . . . . .	10 32
Cambridge Ice Co., ice . . . . .	24 87
Hannah Crowley, claim . . . . .	100 00
Carter's Ink Co., ink . . . . .	1 13
Julian D'Este Co., brass . . . . .	186 84
Derby Desk Co., repairs . . . . .	1 00
F. C. Dinsmore, horse . . . . .	200 00
Davis & Farnum Mfg. Co., water posts . . . . .	84 20
Edson Mfg. Co., repairs and tools . . . . .	26 61
Electric Goods Mfg. Co., wiring . . . . .	11 67
Elliott Co., punch . . . . .	60
Fairbanks Co., valves . . . . .	81 53
Brooks Faxon, repairing motor . . . . .	15 65
Fitz, Dana & Co., lead . . . . .	465 18
Fire & Water Engineering, subscription, . . . . .	3 00
Fred W. Farrar, repairs to clock . . . . .	3 00
Gilman Express Co., expressing . . . . .	9 10
Gifford Wood Co., tools . . . . .	3 70
Globe Gas Light Co., bulbs, etc. . . . .	10 01
Thomas Groom & Co., books . . . . .	57 25
Glines & Co., expressing . . . . .	55
F. W. Gilbert, rubber boots . . . . .	23 00
Garlock Packing Co., packing for pump, . . . . .	3 26
W. A. Greenough & Co., directory . . . . .	4 00
Groton Ice Co., ice . . . . .	49 56
use of car, etc. . . . .	37 35
Hersey Mfg. Co., meter parts . . . . .	24 96
Charles R. Hildred, expenses . . . . .	2 00
William S. Howe, cups and bibb . . . . .	9 68
Fred M. Hutchinson, expenses . . . . .	1 50
Henry C. Hunt Co., leather . . . . .	2 80
Highland Coal Co., cement . . . . .	19 15
Hubb Wire Cloth & Wire Work Co., wire . . . . .	2 94
Hale & Mayhew Co., repairing wagon . . . . .	2 00
H. H. Harvey, hammer . . . . .	80
Lead Lined Iron Pipe Co., fittings . . . . .	2,101 37
George W. Ladd, horseshoeing . . . . .	75 70
Lord & Webster, hay . . . . .	162 29
T. E. Littlefield, lumber . . . . .	30 76
Cyril J. Larivee, lumber . . . . .	7 32
Library Bureau, cabinet, etc. . . . .	20 98
C. W. Lerner & Co., disinfectant . . . . .	23 70
Wesley A. Maynard, printing . . . . .	31 75
H. Mueller Mfg. Co., fittings . . . . .	362 40
Timothy A. Murley, labor . . . . .	2 18
Thomas McNeill, expenses . . . . .	9 70
Amount carried forward . . . . .	\$30,741 96



Amount brought forward . . . . .	\$30,741 96
George F. McKenna & Son, use of wagon . . . . .	13 50
William M. L. McAdams, supplies . . . . .	2 00
New England Oil Co., oil . . . . .	52 93
New England Telephone & Telegraph Co., service . . . . .	233 07
National Meter Co., meter parts . . . . .	37 95
Neptune Meter Co., meter parts . . . . .	63 12
New England Towel Supply Co., use of towels . . . . .	5 40
M. Norton & Co., hose . . . . .	45 00
Edward O'Brien, horseshoeing . . . . .	98 00
Fulton O'Brien, oats, etc. . . . .	264 08
Olds Motor Works, castings . . . . .	2 16
Michael O'Keefe, sand . . . . .	2 00
George G. Page Box Co., boxes . . . . .	147 63
W. E. Plumer & Co., supplies . . . . .	140 91
R. G. Perkins, claim . . . . .	55 00
Proctor Brothers, oats . . . . .	364 96
John B. Rufer, horseshoeing . . . . .	30 50
Rensselaer Mfg. Co., valves . . . . .	367 80
A. G. Renner, expressing . . . . .	95
James H. Roberts & Co., machinery . . . . .	12 02
Richards & Co., lead . . . . .	85 49
J. E. Richardson, veterinary services . . . . .	45 00
W. P. Rice, lumber . . . . .	52 88
Somerville Iron Foundry, castings . . . . .	373 05
Sanborn Map Co., corrections . . . . .	20 00
Smith-Premier Typewriter Co., type-writer . . . . .	92 25
Somerville Journal Co., printing . . . . .	255 80
Samuel Ward Co., stationery . . . . .	13 22
E. S. Sparrow & Co., hardware . . . . .	95
J. P. Sheehan, suit . . . . .	2 50
Thomson Meter Co., meters . . . . .	3,005 04
L. H. Truesdell & Co., show card . . . . .	1 50
J. H. Thompson, use of horse . . . . .	6 00
Nathan Tufts & Sons, oats . . . . .	137 82
Fred J. Thomsen, car fares . . . . .	6 90
Turner & Co., envelopes . . . . .	20 50
Union Water Meter Co., fittings . . . . .	2,549 66
Charles L. Underhill, wagon repairs . . . . .	257 70
Union Glass Co., globes . . . . .	12 75
Underhill Hardware Co., supplies . . . . .	86 83
W. H. Vinton, washers . . . . .	4 00
R. D. Wood & Co., pipe . . . . .	3,227 77
Henry R. Worthington, meters . . . . .	3,566 27
Walworth Mfg. Co., tools and fittings . . . . .	32 24
A. J. Wilkinson & Co., tools, etc. . . . .	262 10
Webcowit Press, printing . . . . .	9 50
Warren Brothers Co., repairing pavement . . . . .	15 71
R. Woodman Mfg. & Supply Co., wire . . . . .	29 00
Waldo Brothers, cement . . . . .	4 50
Samuel Ward Co., office supplies . . . . .	26 80
Frederick B. Witherley, castings . . . . .	40 07
Wilkinson Press, charge books . . . . .	4 35
Williams & Neiley, printing . . . . .	6 50
Western Electric Co., supplies . . . . .	2 55

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Amount carried forward . . . . . \$46,943 19

Amount brought forward . . . . .	\$46,943 19	
Wellington-Wild Coal Co., coal . . . . .	8 40	
Welch, Dwyer & Grady, wagon . . . . .	25 00	
Young Machine & Tool Co., machinery parts . . . . .	2 50	
	<hr/>	
	\$46,979 09	
Highways, Maintenance account, labor and materials . . . . .	94 67	
Highways, Paved Gutters and Crossings account, bricks . . . . .	3 75	
	<hr/>	
		<u>\$47,077 51</u>

**Water Service Assessments.**

## CREDIT.

## Receipts:—

Cash, received of sundry persons, cost of services laid . . . . .	\$3,122 77
Transferred to Water Works Extension account . . . . .	<u>\$3,122 77</u>

**Water Works, Abatement on Water Charges.**

## DEBIT.

## (Expenditures.)

Cash, paid sundry persons, money refunded . . . . .	\$242 04
Transferred to debit of Water Works Income account . . . . .	<u>\$242 04</u>

**Water Works Extension.**

## CREDIT.

Water Works Income account, amount appropriated . . . . .	\$15,000 00
Water Service Assessments account, amount transferred . . . . .	3,122 77
	<hr/>
	\$18,122 77
Water Maintenance account, amount transferred . . . . .	1,549 18
	<hr/>
	\$16,573 59
Receipts:—	
Highways, Watering Streets account, water posts . . . . .	324 60
	<hr/>
	\$16,898 19

## DEBIT.

## (Expenditures.)

Cash, paid laborers . . . . .	\$3,151 00
T. F. Crimmings, contract labor . . . . .	480 20
Bartholomew Burke, contract labor . . . . .	194 27
Charles A. Kelley, contract labor . . . . .	128 04
	<hr/>
	\$3,953 51
Public Grounds account, repairing drain . . . . .	12 00
Water Maintenance account, stock . . . . .	12,932 68
	<hr/>
	<u>\$16,898 19</u>

**Water Works Income.**

## CREDIT.

Metered Water Charges, last quarter 1908 uncollected . . . . .		\$24,974 46
Receipts:—		
Cash, received of sundry water takers . . . . .	\$198,477 15	
Less . . . . .	10 00	
	<hr/>	
	\$198,467 15	
Less abatements . . . . .	242 04	
	<hr/>	
		198,225 11
Total income, sales of water . . . . .		223,199 57
Water Maintenance account, balance transferred . . . . .		1,012 13
		<hr/>
		\$224,211 70

## DEBIT.

Water Maintenance account, amount ap- propriated . . . . .	\$30,000 00	
Reduction of Funded Debt, Water Loan Bonds, amount appropriated . . . . .	7,000 00	
Water Loan Interest, amount appropriated . . . . .	2,720 00	
Water Works Extension account, amount appropriated . . . . .	15,000 00	
Sewers Maintenance account, amount ap- propriated . . . . .	12,000 00	
Fire Department account, amount appro- priated . . . . .	38,000 00	
Commonwealth of Massachusetts, Metro- politan Water Assessment . . . . .	108,691 08	
Reduction of Funded Debt account, balance transferred . . . . .	10,800 62	
	<hr/>	
		\$224,211 70

**Table D.—Balances December 31, 1908.**

Cash . . . . .	\$55,109 24
Contingent Fund . . . . .	5 12
Election Expenses, Commissioner of Public Buildings . . . . .	359 78
Electrical Department . . . . .	1,003 63
Fire Department . . . . .	170 97
Grade Crossings . . . . .	32,879 52
Health Department . . . . .	2,380 29
Health Department, Collection of Ashes and Offal . . . . .	748 97
Health Department, Contagious Disease Hospital Accounts for Collection . . . . .	1,956 43
Highway Betterment Assessments . . . . .	7,179 21
Metered Water Charges . . . . .	24,974 46
Public Buildings Maintenance:—	
City Buildings . . . . .	1,052 94
Fire Department . . . . .	107 22
Janitors' Salaries . . . . .	755 44
Schoolhouses . . . . .	260 35
Public Grounds . . . . .	49 99
Real Estate Liens . . . . .	2,293 76
	<hr/>
Amount carried forward . . . . .	\$131,287 32

Amount brought forward . . . . .	\$131,287 32	
School Contingent . . . . .	102 38	
Sewer Assessments . . . . .	4,218 56	
Sidewalk Assessments . . . . .	7,987 16	
Soldiers' Relief . . . . .	611 77	
State of Massachusetts . . . . .	18,038 00	
Support of Poor, Miscellaneous . . . . .	649 14	
Suppression of Gypsy and Brown-Tail Moths . . . . .	256 41	
Taxes . . . . .	300,005 23	
Assessors . . . . .		\$240 03
City Auditor . . . . .		10 11
City Clerk . . . . .		205 26
City Engineer . . . . .		12
City Messenger . . . . .		65 77
City Solicitor . . . . .		63 38
City Treasurer . . . . .		382 94
Coupons . . . . .		16,725 00
Election Expenses:—		
City Clerk . . . . .		392 10
Pay of Election Officers . . . . .		27 00
Registrars of Voters . . . . .		126 88
Electrical Department, Underground Construction . . . . .		3,171 87
Executive Department . . . . .		39 52
Fire Department, Additional Apparatus . . . . .		59 55
Health Department:—		
Contagious Disease Hospital . . . . .		4,077 46
Medical Inspection in Public Schools . . . . .		88 25
Highways:—		
Construction . . . . .		2,099 80
Maintenance . . . . .		5,613 98
Shade Trees . . . . .		33 38
Watering Streets . . . . .		1,996 18
Inspection of Buildings . . . . .		68 66
Interest . . . . .		2,067 97
Military Aid . . . . .		360 00
Overlay and Abatement . . . . .		11,563 04
Overplus on Tax Sales . . . . .		118 13
Police . . . . .		1,290 46
Printing and Stationery . . . . .		264 94
Public Buildings Construction, Building Public Buildings . . . . .		1,680 83
Public Library . . . . .		1 46
Public Library, West Somerville Branch . . . . .		1 65
Public Library, Isaac Pitman Fund, Income, Art . . . . .		35 62
Public Library, Isaac Pitman Fund, Income, Poetry . . . . .		24 29
Reduction of Funded Debt . . . . .		10,185 02
Sealer of Weights and Measures . . . . .		9 53
Sewers, Construction . . . . .		10,832 03
Sewers, Maintenance . . . . .		1 05
Sidewalks, Construction . . . . .		309 13
Sidewalks, Maintenance . . . . .		1,007 68
Soldiers' Monument . . . . .		11,418 47
Sundry Persons . . . . .		699 65
Support of Poor, City Home . . . . .		796 23
Suppression of Elm Leaf Beetle . . . . .		1 55
Temporary Loans . . . . .		375,000 00
	<u>\$463,155 97</u>	<u>\$463,155 97</u>



**APPROVAL OF TREASURER'S REPORT.**

In Committee on Finance, February 25, 1909.

To the Board of Aldermen of the City of Somerville:—

Gentlemen: The committee on finance presents the report of Edwin L. Pride, expert accountant, as its report as an audit of the books and accounts of the City Treasurer, and recommends that the report of the treasurer be printed in the annual reports of 1908.

Respectfully submitted,

ROBERT M. LAVENDER,	}	<i>Committee</i>
CHARLES W. ELDRIDGE,		
LESLIE E. A. SMITH,		
PHILIP KOEN,		
CLARENCE A. SMITH,		
RAY R. RIDEOUT.		<i>on</i>
		<i>Finance.</i>

In Board of Aldermen, February 25, 1909. Accepted.

FREDERIC W. COOK, Clerk.

## REPORT OF THE SCHOOL COMMITTEE.

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School Committee Rooms, January 1, 1909.

Ordered, that the annual report of the Superintendent be adopted as the annual report of the Board of School Committee, it being understood that such adoption does not commit the Board to the opinions or recommendations made therein; that it be incorporated in the reports of the City Officers; and that 1,000 copies be printed separately.

CHARLES S. CLARK,  
Secretary of School Board.

## SCHOOL COMMITTEE, 1908.

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FREDERICK A. P. FISKE,	Chairman
HENRY H. FOLSOM,	Vice-Chairman

### MEMBERS.

#### EX-OFFICIIS.

Term expires  
January.

CHARLES A. GRIMMONS, Mayor, 72 Thurston street.	1909
LEONARD W. COLE, Pres. Board of Aldermen, 5 Homer square.	1909

#### WARD ONE.

ELMER H. SPAULDING,	44 Tufts street.	1909
DR. HENRY F. CURTIS,	145 Perkins street.	1910

#### WARD TWO.

THOMAS M. CLANCY,	52 Springfield street.	1909
DANIEL H. BRADLEY,	19 Concord avenue.	1910

#### WARD THREE.

WILBUR S. CLARKE,	40 Vinal avenue.	1909
GEORGE E. WHITAKER,	75 Walnut street.	1910

#### WARD FOUR.

GEORGE W. FOSTER,	7 Evergreen avenue.	1909
CHARLES A. KIRKPATRICK, JR.,	27 Sewall street.	1910

#### WARD FIVE.

J. WALTER SANBORN,	183 Central street.	1909
HENRY H. FOLSOM,	103 Central street.	1910

#### WARD SIX.

LEON M. CONWELL,	1 Harvard place.	1909
FREDERICK A. P. FISKE,	44 Cherry street.	1910

#### WARD SEVEN.

MRS. HENRIETTA B. H. ATTWOOD,	12 Park avenue.	1909
DR. GEORGE C. MAHONEY,	97 College avenue.	1910

### Superintendent of Schools.

CHARLES S. CLARK.

Office: City Hall Annex, Highland avenue.

Residence: 18 Pleasant avenue.

The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hours are from 4 to 5 on school days, and 8 to 9 on Saturdays.

Office telephone, 314; house telephone, 12.

Superintendent's clerks:—

Mary A. Clark, 42 Highland avenue.

Mildred A. Merrill, 57 Berkeley street.

## STANDING COMMITTEES, 1908.

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Note.—The member first named is chairman.

High Schools.—Sanborn, Mahoney, Curtis, Clancy, Clarke, Foster, Conwell.

District I.—Spaulding, Curtis, Foster.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District II.—Clancy, Bradley, Clarke.

KNAPP, PERRY, BAXTER.

District III.—Clarke, Whitaker, Curtis.

POPE, BELL, CUMMINGS.

District IV.—Foster, Kirkpatrick, Cole.

EDGERLY, GLINES.

District V.—Sanborn, Folsom, Kirkpatrick.

FORSTER, BINGHAM.

District VI.—Conwell, Fiske, Folsom.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN.

District VII.—Mrs. Attwood, Mahoney, Conwell.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Mahoney, Sanborn, Curtis, Clancy, Clarke, Kirkpatrick, Conwell, Grimmons, Cole.

Evening Schools.—Folsom, Whitaker, Fiske.

Finance.—Kirkpatrick, Spaulding, Conwell, Grimmons, Cole.

Industrial Education.—Foster, Clarke, Mrs. Attwood.

Medical Inspection.—Curtis, Clancy, Mahoney.

Music.—Mrs. Attwood, Curtis, Bradley.

Private Schools.—Clancy, Spaulding, Kirkpatrick.

Repairs of School Buildings.—Fiske, Foster, Folsom.

Rules and Regulations.—Bradley, Folsom, Fiske.

Salaries.—Spaulding, Whitaker, Sanborn.

Supplies.—Clarke, Bradley, Sanborn.

Text-Books and Courses of Study.—Whitaker, Spaulding, Bradley, Kirkpatrick, Folsom, Fiske, Mrs. Attwood.

Vacation Schools.—Conwell, Foster, Mahoney.



## REPORT OF THE SUPERINTENDENT OF SCHOOLS.

To the School Committee of Somerville:—

Herewith is submitted the report for the current year which, by your Rules and Regulations, the Superintendent is required annually to prepare as the report of the School Board. Facts of attendance, cost of maintenance and instruction, and other matters of organization are fully set forth in the usual statistical tables. But as my service in the schools began in September and extends over but a small part of the fiscal year, it seems appropriate to confine discussion to general conditions of the schools, and to leave to other occasions suggestions and recommendations.

### 1.—Summary of Statistics.

Population, United States census, 1890.....	40,117
Population, state census, 1895.....	52,200
Population, United States census, 1900.....	61,643
Population, state census, 1905.....	69,272
Children between five and fifteen years of age, October, 1907, by school census.....	12,298
Children between five and fifteen years of age, October, 1908, by school census.....	12,217
Decrease .....	81

### 2.—SCHOOL BUILDINGS.

	1907.	1908.	Increase.
Number of school buildings.....	26	26	0
Number of classrooms.....	279	287	8
Valuation of school property.....	\$1,443,280		

### 3.—TEACHERS.

	1907.	1908.	Increase.
In high schools.....	57	58	1
In grammar schools.....	161	164	3
In primary schools.....	99	104	5
In kindergartens.....	8	8	0
Total in elementary schools.....	268	276	8
Cadet teachers.....	3	1	—2
Special .....	9	10	1
Total .....	337	345	8

### 4.—ATTENDANCE FOR YEAR.

	1907.	1908.	Increase.
Entire enrollment for the year.....	14,802	15,105	303
Average number belonging.....	11,909	12,159	250
Average number attending.....	11,166	11,458	292
Per cent. of daily attendance.....	93.8	94.2	0.4
High school graduates.....	223	235	12
Grammar school graduates.....	725	742	17

## 5.—ATTENDANCE IN DECEMBER.

	1907.	1908.	Increase.
Whole number attending.....	14,223	14,640	417
In private schools.....	1,735	1,838	103
In public schools.....	12,488	12,802	314
In high schools.....	1,584	1,663	79
In elementary schools.....	10,710	10,943	233
In kindergarten.....	194	196	2
In first grade.....	1,532	1,572	40
In second grade.....	1,384	1,430	46
In third grade.....	1,375	1,349	—26
In fourth grade.....	1,337	1,307	—30
In fifth grade.....	1,239	1,300	61
In sixth grade.....	1,201	1,211	10
In seventh grade.....	1,022	1,138	116
In eighth grade.....	831	865	34
In ninth grade.....	789	771	—18

## 6.—COST OF SCHOOL MAINTENANCE.

	1907.	1908.	Increase.
Salaries of teachers.....	\$267,607.11	\$289,190.45	\$21,583.34
Salaries of officers.....	5,500.00	5,210.50	—289.50
Cost of books and supplies..	24,317.33	26,377.15	2,059.82
Cost of light.....	3,760.08	3,830.73	70.65
Cost of janitors' services....	23,999.00	25,245.19	1,246.19
Cost of fuel.....	15,235.43	14,911.94	—323.54
Telephones .....	433.07	386.02	—47.05
Total cost of day and evening schools .....	340,852.07	365,151.98	24,299.91
Per capita cost.....	28.62	30.03	1.41
Cost of high school instruction .....	64,731.50	68,029.27	3,297.77
Per capita cost.....	44.07	43.52	—0.55

## 7.—MISCELLANEOUS.

	1907.	1908.	Increase.
Paid for new school buildings .....	\$31,804.34	\$18,271.25	—\$13,533.09
Repairs and permanent improvements .....	18,007.85	17,792.21	—215.64
Total school expenditures .....	390,664.26	401,215.44	10,571.18
Valuation of city.....	61,527,750.00	63,158,400.00	1,630,650.00
Number of dollars spent to maintain schools out of every \$1,000 of valuation..	5.54	5.78	0.24
Number of dollars spent for all school purposes out of every \$1,000 of valuation .....	6.35	6.35	0.00

**School Census.** The usual enumeration of children was begun in September. With the exception of one person, the work was done by the force which made the count last year, thereby making probable a thorough canvass of the city. Following are the returns for this year and a comparison with last year's figures:—

Number of children between five and fifteen years of age October 1:—

	1908.	1907.	Change.
Ward 1.....	2,068	2,008	+60
“ 2 .....	2,443	2,607	—164
“ 3 .....	1,055	1,095	—40
“ 4 .....	1,036	1,001	+35
“ 5 .....	1,989	1,910	+79
“ 6 .....	2,073	2,054	+19
“ 7 .....	1,553	1,623	—70
Total .....	12,217	12,298	—81

Twelve thousand two hundred and seventeen children between the ages of five and fifteen were reported, a loss of eighty-one since last year. It is noteworthy that the decrease appears in districts where the schools are especially overcrowded, namely, in wards two, three, and seven, while there is an increase in each of the remaining wards.

**School Registration.** Concurrent with this school census the registration in the public and private schools of children between five and fifteen was 12,363. By adding to this 455, the number of children reported by the census takers as being out of school, the result is 12,818 children between the ages of five and fifteen, a gain of 203 over our last year's registration, and 601 more than the number reported by the census takers this year. Once more, the total number actually in school October 1 is 12,363. This is 146 more than the number of children reported in the school census. Without attempting to explain the discrepancy between the figures of the school census and those of the school registration more than to say that absolute exactness is possible in counting children who are in school, it is clear that there are over 200 children more in the schools this year than last year.

**School Attendance.** The attendance at the public schools during the year is as follows:—

Whole number enrolled in 1908, 15,105, an increase over last year of 303 pupils.

The average membership is 12,159, an increase over last year of 250 pupils.

Percentage of attendance is 94.2; that of last year, 93.8.

The increase in the annual enrollment is greater than that of the year preceding, and the percentage of attendance is higher than for any year since 1898, except that of 1905.

There were 3,882 cases of tardiness, 288 cases fewer than last year, notwithstanding the fact that the number of pupils is greater. This would indicate that there has been no falling off in the efficiency of the schools as represented by either the attendance or tardiness reports.

**Truancy.** The truancy for the year amounted to 704 half-days. Last year there were 856 half-days. The balance in this

case, also, is on the right side, being 152 half-days of truancy fewer this year than last. While the membership of the schools has increased, truancy has decreased. This is the smallest record of truancy for several years.

While too great significance must not be attached to this apparent tendency, it may fairly be said that teachers and principals have given close attention to the habits of their pupils, and have promptly ascertained and investigated instances of unexcused absence from school. Their efforts have been ably supplemented by the untiring and efficient service rendered by the truant officer.

In May last death took from the service of the schools Lemuel H. Snow, twenty-two years truant officer. By his long service his figure was familiar to all in any way acquainted with the life of the schools. His influence was felt in works of beneficence in many directions beyond the limits of his official duties. A capable official and an upright man, he is remembered with affection and respect.

The duties of the office of truant officer were assumed in September by Justin W. Lovett. Mr. Lovett has won the confidence of all his associates, and is devoting himself with energy and discernment to the work of preventing truancy and reforming truants.

The following shows the record for the year:—

	1907.	1908.	Increase.
Number of visits to schools.....	474	401	—73
Number of cases investigated.....	499	655	156
Number found to be truants.....	94	155	61
Number sent to the truant school.....	9	6	—3
Paid for board of truants.....	\$597	\$705	\$108

**Corporal Punishment.** The record for corporal punishment is not essentially different from that of last year, 318 cases being reported, an increase of four. Cases of corporal punishment occurred in every grade from the first to the ninth, inclusive. No cases were reported from the high schools or from the kindergartens. Comparing the record by grades, the smallest number reported is in the ninth grade. The first and eighth have an equal number, and the largest number is from the fifth grade. The third and fourth grades furnished an equal number, while more children in the seventh grade received corporal punishment than was the case in the second grade. One building only reported no cases. Another building had only one case. The highest number of cases reported from any one building is thirty-five, being an average of less than four cases a month for a school of twelve teachers.

**Schoolhouses.** No material addition or alteration has been made to any of the schoolhouses, nor has a new one been built during the past year. The four-room addition to the



Brown School and the four-room addition to the Hanscom School were completed in January, and were occupied on the twentieth of that month. In other respects conditions have remained very much the same as set forth in recent reports. In many ways the school buildings are in excellent condition, and there are many evidences of care for the comfort and safety of the children. Undoubtedly, however, an adequate provision of money for outlay upon the buildings would result in desirable improvements. Rooms now lighted by artificial means could, in some instances, be provided with windows sufficient to afford an abundance of natural light. Sanitary drinking fountains could be installed and better sanitaries provided. While the immediate making of these and other desirable improvements may be too much to ask or to expect, yet is it not possible by a progressive policy to supply better conditions as money can be made available for them?

While the care of schoolhouses is mainly committed to another department of the city government, nevertheless a large responsibility rests upon the school management to properly provide for the welfare of pupils. More intimate knowledge of their needs comes to the teacher and principal than to any one else. Conditions of light, heat, and ventilation, as well as indications of the physical state of pupils, come immediately to the notice of teachers. It is their duty to be interested and intelligent in making the school environment as safe and wholesome as possible. Recognizing this fact, the Rules of the School Board place upon teachers the regulation of ventilation, temperature, and light of their rooms, and upon principals the scrutiny of the sanitary conditions of schoolhouses. In case of defect in any of these particulars, it is the duty of the school administration to report the same to the proper department of the city government.

It is gratifying to be able to state that the utmost harmony and willingness to co-operate for the interest of the children exists between the department having control of the school buildings and the school department.

**School Hygiene.** In the seventy-first annual report of the Massachusetts Board of Education there appears from the pen of the secretary of the board, Hon. George H. Martin, an important discussion under the heading "School Hygiene." Referring to the medical inspection law, it is shown that school physicians have been appointed and appropriations made for their work either by the board of health or by the school committee in thirty-one cities of the commonwealth. A large majority of the towns have also made provision for this service. In some places the work is under the entire control of the school committee, who pay the bills and direct the work, while in others this function is exercised by the board of health. The

law calling for the annual examination of the vision and hearing of school children is discussed. The practice recommended by the State Board of Education for taking the tests, the one followed in our schools, is that tests be made by the teachers themselves, and defects, either in vision or hearing, be reported both to the school authorities and to the parents of the children. The report discusses the closure of school in consequence of some infectious diseases, the relation of physical defects to school work, regulations for the guidance of school physicians, the London Congress of School Hygiene, and school hygiene in Germany. The discussion is closed with a summary of essential elements of a proper consideration for school hygiene making the following ultimate demands: School physicians, nurses, examination of all school children as to their physical condition in relation to school work, school clinics, special classes, sanitation of buildings, physical culture, playgrounds and camps, and training of teachers.

Without commenting at this time upon any of these conclusions, it is desirable, at least, to note that the prominence given to this topic in such a report is sufficient evidence of the importance of the subject itself. It is becoming more and more recognized that it is the duty of the school not alone to concern itself to safeguard pupils from exposure to preventable diseases, but also to take whatever measures it can to develop and improve the physical condition of all the pupils. Medical inspection concerns itself at the present time largely in discovering symptoms of approaching disease in time to exclude from the presence of the other pupils one about to become a source of danger. It, also, to a greater or less degree, takes cognizance of the sanitary condition of the school premises, but beyond these efforts there is much to be done. Courses of study, school routine, length of exercises, length of school session, sufficiency of light, heat, and air, suitable furniture adjusted to the individual pupil, all these have an influence upon the health of the child. Every condition of the child's environment, every demand made upon him by the course of study should meet the challenge: What effect has this upon the health of the pupil? If the answer to the challenge is unfavorable, that condition or that requirement should be modified as soon as possible. It will be seen from this brief statement that those charged with responsibility for the schools have reason to give much thought and attention to this subject of recently increased emphasis, school hygiene. My purpose in speaking at such length on this topic at this time is to give the matter notice now, so that as time goes on, additional efficiency may be given in a number of ways to our care for the children. As a closing word on this subject, I am glad to say that in the main the general conditions of our schools are healthful and attractive.

The following gives the results of the eye and ear test:—

## EYES.

	1907.	1908.	Change.
Tested .....	11,255	11,429	+174
Defective .....	2,434	2,307	—127
Per cent. defective.....	21.6	20.2	—1.4
Notices sent to parents.....	1,171	1,406	
Professionally treated.....	163	350	

## EARS.

	1907.	1908.	Change.
Tested .....	11,786	11,854	+68
Defective .....	622	496	—126
Per cent. defective.....	5.3	4.2	—1.1
Notices sent to parents.....	350	331	
Professionally treated.....	44	34	

**Additional School Accommodations.** In the report of the meeting of the School Board on January 27, 1908, appears the following:—

Through its chairman, Dr. Mahoney, the Committee on Additional School Accommodations submitted the following recommendations, prepared during a brief recess taken for the purpose, which were unanimously adopted and referred to the Board of Aldermen:—

1. We recommend that a building of at least twelve rooms for primary and grammar schools be erected in the westerly part of Ward Seven.

2. We recommend that full consideration be given to the needs of additional accommodations for the English High School having reference both to present conditions and to future requirements.

3. We recommend that some provision be made for supplying additional rooms for the relief of the schools in Ward Two.

As no additional accommodations have yet been provided to meet the needs above expressed, the lapse of time has changed the situation only by supplying more pupils to be put into the then crowded buildings. It is not necessary here to cite figures or conditions to demonstrate either the need for these recommendations or their wisdom. They stand to-day as the record of the Board's view of what is required to promote the best interests of the schools in the localities mentioned.

Again, in the meeting on November 30, the Board recognized the urgency for immediate relief for the English High School by taking the action quoted below.

The Committee on Additional School Accommodations reported the following resolutions, which were adopted:—

To accept the report of the High School Committee upon the need of additional accommodations in the English High School as the joint report of that committee and of the Committee on Additional School Accommodations.



That the School Committee urgently request the Mayor and Board of Aldermen to furnish additional accommodations for the English High School, the need of which is imperative.

Voted to refer the request for addition to the English High School to the Mayor and the Board of Aldermen.

The reasons for asking for additional accommodations for the English High School building were fully and carefully stated in the last Annual Report. Since that time both the Latin and the English Schools have increased in membership. There were enrolled in October, 1908, 1,738, an increase over the number of pupils in the two schools in October, 1907, of 124, eighty-eight in the English and thirty-six in the Latin. The average growth of the English High School for a number of years has been fifty-seven. That number added to the October membership will make a membership exceeding the seating capacity of the school. Resulting from such an overcrowded condition are many detrimental effects. Among them are the following:—

Over-large classes.

Unsatisfactory provisions for study.

Insufficient facilities for manual training.

Laboratories planned for school of 500 forced to serve for more than 1,200 pupils.

Insufficient air supply.

Insufficient toilet facilities.

Enforced use of damp and ill-lighted basements in both buildings.

Over-crowding of corridors.

Lack of a commodious hall.

No room for teaching domestic science.

No suitable place for serving school luncheons.

Entire absence of gymnasium or other provision for physical training.

Cramped library facilities.

These are the conditions under which the work of the two high schools is now being conducted. They will continue growing more serious all the time until additions to the plant are made. The Latin School needs all of its original structure and all of the recent addition thereto. The English High School needs more room to properly seat in recitation and study 1,600 pupils, which is by no means an extravagant estimate of the number who will be in attendance upon that school ten years hence, or, were this year's rate of increase maintained, would be in attendance in five years. It needs to have laboratories adequate to do its work in accordance with modern methods. It should have a hall to accommodate at one time all of its pupils. It should have a gymnasium and a properly-located luncheon room. Provision for all the needs of these schools can be made by additions to and re-arrangements of



parts of the present structure. When this is done, the Latin School will be amply accommodated in its own enlarged building. The recent action of the School Committee in recommending an addition to the English High School building gives deserved precedence to this project. Unless such improvement is made, the work of both high schools will be conducted under conditions constantly rendered worse by increasing attendance. An early beginning of the needed enlargement would not bring relief to these high schools during the next school year. Therefore, the problem of carrying on these schools will have become very serious before additions can be provided unless they are begun without long delay.

**Changes of Teachers.** The most important change of the year in the educational force was the retirement of Mr. Southworth from the office of Superintendent. In accordance with his announcement, Mr. Southworth withdrew from the service of the schools at the end of the school year, after a service of fifteen years as Superintendent, following a period of twenty years as master of the Prescott School. By his strong personality he has made a lasting impression upon the schools of this city. His reputation extends far beyond the limits of the local field. Throughout the Commonwealth he is well known. Appropriate expression of the Board's appreciation of his services was made in the records of the June meeting. Teachers and citizens alike have given public utterance of their high personal regard. It is not necessary or appropriate, therefore, in this place to add to what has already been said in honor of Mr. Southworth, but this simple statement here placed will crown the public manifestation of regard and appreciation for one who has long occupied a conspicuous position in the life of the city, and who has exercised a most potent and useful influence.

During the year the usual number of changes in the corps of teachers has occurred. One teacher of long service and esteemed worth has voluntarily left teaching. Miss Anna M. Bates, having taught in the local schools for more than thirty years, has offered her resignation. While accepting Miss Bates's decision to retire, the Board passed resolutions of regret and made expression of its high regard for her character and service. Of the twenty others who have resigned, seven have entered the service of other cities, where a higher scale of salaries has proven a strong attraction. In this way, year by year, our city loses some of its best teachers. By the same magnet it has to attract those whom it obtains to fill vacancies. The utmost care has been taken to secure the best teaching talent available for the reward offered, experience and professional training having been especially desired. Those who have been so selected are doing their work well, and promise to become elements of strength in our teaching corps. There are now 36 teachers, of whom thirty-four are men.

A new grammar school was made in Ward Six upon the completion of the addition to the Brown School. The position of master was given to George I. Bowden, a graduate of the Eastern State Normal School and of Maine State College, who was taken from the Horace Mann School in Everett. His selection added one more to the number of strong men who are doing work which contributes much of the efficiency of the schools.

**Kindergartens.** The kindergartens are located in the Hanscom, Bennett, Baxter, and Glines Schools. The entire cost of these kindergartens for the year was \$4,322, or \$23.24 for every child that attended.

The details are as follows:—

	Hanscom.	Bennett.	Baxter.	Glines.	Total.
Enrollment . . . . .	104	101	103	90	398
Average membership . . . . .	47	50	47	42	186
Average attendance . . . . .	40	41	40	39	160
Per cent. attendance . . . . .	84.5	85.9	84.4	91.7	86.0
Age . . . . .	4—6	4—7	4—5	4—8	4—6

**Evening Schools.** On the first Monday in October the following evening schools were opened:—

*High School.* In the English High School building, G. W. Earle, master.

*Elementary Schools.* In the Bell School, John S. Emerson, master; Highland School, Charles E. Brainard, master; Prescott School, Charles T. Murray, master.

The enrollment in the elementary schools was slightly less than it was in October, 1907, but interest has been well sustained during the first term, and the average attendance has been higher than for the same time last year.

The high school had ninety more pupils in October, 1908, than it had during the first month of the preceding year. The school was organized in accordance with the plan heretofore followed. A corps of strong teachers has made the work attractive and valuable. Good attendance has been the result, and pupils have progressed satisfactorily.

**Cost of the Schools.** The total amount spent for the maintenance of the schools of Somerville in 1908 is \$365,151.98. This does not include the sums spent on schoolhouse repairs and for new buildings. It does cover the amount paid for the care of school buildings, for janitors' services, fuel, light, and school

telephones. This expenditure is wholly in charge of the city government.

The amount paid for janitors is.....	\$25,245.19
The cost of fuel is.....	14,911.94
The cost of light is.....	3,830.73
The cost of the school telephones is.....	386.02
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A total of.....	\$44,373.88
The cost per capita.....	3.65

The second important expenditure is wholly under the control of the Board, and is covered by what is known as the "School Contingent" appropriation. The following is the itemized account:—

Officers' salaries.....	\$5,210.50
Books .....	\$8,617.00
Stationery .....	6,614.74
Laboratory and manual training supplies .....	2,365.21
Bookkeeping blanks.....	406.56
Writing books.....	603.62
Maps, charts, etc.....	412.31
Drawing .....	1,338.11
Typewriters and supplies.....	97.30
Printing .....	928.59
Telephone .....	156.37
Kindergarten supplies.....	386.25
Truant officer's horse.....	85.00
Express and postage.....	275.09
Travel .....	249.18
Graduation exercises.....	1,180.24
Bookbinding .....	804.55
Board of truants.....	705.41
Census .....	237.08
Exhibit .....	91.76
Book covers.....	196.46
Piano and tuning.....	275.50
Miscellaneous .....	350.82
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Total for school supplies, etc.....	26,377.15
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Total outlay on school contingent account....	\$31,587.65
Appropriation .....	28,000.00
<hr/>	
Deficiency .....	\$3,587.65
Received for damage to school property, tuition of state wards and non-residents, etc.....	488.87
<hr/>	
Net deficiency.....	\$3,098.78

The third, and by far the largest, element of the cost of schools is the sum spent for the salaries of teachers. The following shows the monthly payments:—

January .....	\$28,987.26
February .....	29,429.63
March .....	28,642.75
April .....	27,983.25
May .....	28,181.12
June .....	27,865.19



September .....	28,527.00
October .....	30,239.38
November .....	30,110.43
December .....	29,224.44

Total .....	\$289,190.45
Amount of appropriation.....	280,000.00

Deficiency .....	\$9,190.45
Credit .....	8.00

Net deficiency.....	\$9,182.45
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The estimate of the School Board for teachers' salaries amounted to \$289,760. The expenditure was \$569.55 less.

The total outlay for all school purposes in 1908 was as follows:—

Teachers' salaries.....	\$289,190.45
Administration .....	5,210.50
Care of schoolhouses.....	44,373.88
School supplies.....	26,377.15

Total for school maintenance.....	\$365,151.98
Paid for repairs.....	17,792.21
Paid for new buildings.....	18,271.25

Total for all school purposes.....	\$401,215.44
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Each dollar of the sum spent for the support of schools has been divided in the following proportion:—

	1903.	1904.	1905.	1906.	1907.	1908.
Teachers' salaries...	\$0.781	\$0.793	\$0.792	\$0.792	\$0.785	\$0.792
Administration ....	0.013	0.016	0.013	0.016	0.016	0.015
Janitors' salaries...	0.070	0.070	0.070	0.070	0.070	0.070
Heat and light.....	0.067	0.053	0.061	0.052	0.057	0.051
School supplies.....	0.069	0.068	0.064	0.070	0.072	0.072
Total .....	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

**Per Capita Cost.** The proper method of comparison of the cost of schools year by year is to consider the sum spent for each pupil in the average membership. In this computation we exclude the cost of evening schools, the sum being so large as possibly to mislead. The following shows

#### THE PER CAPITA COST OF DAY SCHOOLS FOR 1907 AND 1908.

	High Schools.			Grammar and Primary Schools.			All Day Schools.		
	1907.	1908.	De-crease.	1907.	1908.	In-crease.	1907.	1908.	In-crease.
Instruction . . .	\$44 07	\$43 52	\$0 55	\$19 24	\$20 64	\$1 40	\$22 30	\$23 58	\$1 28
Supplies . . .	5 44	4 90	0 54	1 52	1 71	0 19	2 01	2 12	0 11
Care . . .	4 21	4 85	+0 64	3 35	3 30	—0 05	3 46	3 50	0 04
Total . . .	\$53 72	\$53 27	\$0 45	\$24 11	\$25 65	\$1 54	\$27 77	\$29 20	\$1 43

Including the cost of maintenance of evening schools, the per capita cost will be as follows:—

	1905.	1906.	1907.	1908.
Cost of instruction.....	\$22.50	\$22.63	\$22.93	\$24.21
Cost of supplies.....	1.74	1.92	2.04	2.17
Cost of care.....	3.63	3.45	3.65	3.65
Total .....	\$27.87	\$28.00	\$28.62	\$30.03

An examination of these tables shows that we have paid fifty-five cents less for the instruction of each pupil in the high school than in 1907, and fifty-four cents less per pupil for supplies.

The grammar and primary schools have cost \$1.40 per pupil more for instruction, and nineteen cents for supplies. The increased cost of instruction is the result of the raise in teachers' salaries in January, 1908. The increased cost of supplies is due in part to the purchase of supplies for manual training in the ninth grade and to the providing of books and supplies for the new grammar classes at the Brown School.

Considering all day schools together, the increase of cost has been \$1.43, \$1.28 of which is for instruction, eleven cents for supplies, and four cents for the increased cost of the care of school buildings. Adding the cost of evening schools to that of day schools, we increase the cost of instruction by sixty-three cents, the cost of supplies five cents, and the cost of the care of school buildings fifteen cents. This makes the total cost for 1908 \$30.03 per capita, as against \$28.62 for 1907. In 1906 there were seventy-six cities and towns in the Commonwealth in which the per capita cost was larger than it was in Somerville. The cost of maintaining our schools in 1907 was \$5.54 for every thousand dollars of the city's valuation, but there were 145 cities and towns in the state that paid a higher rate. This year the maintenance of the schools in Somerville has taken \$5.78 of the \$12 allowed for the maintenance of all departments in the city.

**Manual Training.** During the last school year instruction in manual training was given in the first and second year courses in the English High School and in the eighth grade course. A detailed account of the work given in the last Annual Report suffices to show the general scope and plan of the instruction being given this year in the grades named. In September an important extension was made by providing manual training instruction for the boys in the ninth grade. By this addition there is now given to the boys a course of four consecutive years in manual training or shop work. In addition to this, in all grades of the elementary schools and in the high schools work essentially manual training is being done under the direction of the drawing instructors. Taken all together, this is a good provision for this important subject. What is being done



is sound, and will form a solid basis for such extensions as our means and opportunities will permit. It is to be regretted, however, that lack of room prevents opening a course in domestic science for girls in the high school.

Some divergence in the plans and in the results of the several instructors in manual training, due to lack of common direction, was noticed last year. To overcome this defect as far as possible, a conference of the instructors took place in September, and an effort was made to bring into orderly relation the courses to be used. This is a step in the right direction, and should be only a beginning of the systematizing of the manual training work.

The instructors of the ninth grade classes speak in terms of satisfaction concerning the new work in that grade. The exercises provided are such as to employ the skill and experience gained in the preceding year and to make advance in the use of tools and materials and their application. Useful articles such as the following have been made: Penholders, hammer handles, bread boards, knife boxes, towel rollers, pressing boards, and tool racks. The ninth-grade boys attending the manual training school in the Glines building made a cupboard for storing work containing sixty boxes each 12x14x24 inches, a creditable performance for pupils having had but one year's training in the use of tools.

The number of boys attending the manual training classes from the elementary schools has more than doubled, but the work is done in the same centres and with the same instructors as were employed with the smaller number. This result has been brought about by lengthening the school day at the manual training centres from four hours to six, two periods of one and a half hours being given in the morning and two in the afternoon session. While this arrangement makes the period of instruction for each class a half-hour shorter than before, it is a change which is probably not of great detriment to the pupils. Two interesting circumstances attend this solution of the problem of furnishing bench work instruction to the grammar school boys. The first is that while the number taught is more than doubled, the cost of instruction is increased only twenty-seven and three-elevenths per cent. The second is that one-fourth of the work is performed outside the time limits of the elementary school day. Three of the four periods have one half-hour in extension of the school hours. Pupils attending during these periods give one-third the time needed for their lessons. The spirit of the boys is shown by this quotation from a statement of one of the manual training teachers: "The boys are very interested in their work, and I receive numerous requests for permission to work overtime, requests having been made to work on Saturdays and during vacations."

In view of the crowding of school curricula with new

subjects demanding time and attention, the willingness of boys to give of their time to lengthen the school day in order to get the benefit of instruction in manual training is not without interest and significance.

**Teachers' Salaries.** November 25, 1907, the Committee unanimously adopted recommendations of the Committee on Salaries whereby the salaries of teachers were increased in sums ranging from \$25 to \$50 annually, to take effect January 1, 1908. According to this schedule, the lowest salary to be paid to a regular teacher of the elementary schools is \$300, while the maximum for elementary teachers is \$775. By this action the maximum to be paid to a teacher in elementary schools is higher than ever before in our schools, and is somewhat higher than that paid by many neighboring towns and cities. A provision for an annual increase within certain limits gives teachers who enter the service of the schools at a salary less than the maximum the opportunity to advance through a series of years before reaching the limit. This has proven to be a wise measure, both because it gives teachers a recognition of the justice of their plea for living wages, and also because it has made more probable the holding of the services of our teachers and the securing of a better grade of new teachers. With this increase the maximum salary is still too low either to give a sufficient outlook for the ambitious teacher or to make the business of teaching attractive to young women about to choose for themselves a career. While the minimum salary is often deplored because of its being so small, the real evil is not to be found there, but rather in the insufficient returns which the teaching business gives as its maximum salary. None of our teachers are working for the minimum salary of their grade. It has been the practice in selecting a new teacher to require teaching experience as part of her qualifications. Consequently most of those who come to us begin at a salary nearer the maximum than the minimum. In this connection it is interesting to note the average amount paid to teachers in each of the several classes of service, as follows:—

High school teachers—Men, \$1,606. Women—\$938.

Teachers in elementary grades (including kindergarten teachers and assistants)—\$690.

The salaries paid to teachers in January, 1909, are as follows:—

1 man.....	\$3,000	4 men.....	1,400
1 man.....	2,700	1 man, 3 women.....	1,200
1 man.....	2,000	1 woman.....	1,100
11 men, 2 women.....	1,900	1 man.....	1,050
1 man.....	1,850	12 women.....	1,000
7 men.....	1,700	1 woman.....	950
1 man.....	1,650	23 women.....	900
2 men.....	1,600	3 women.....	850
2 men.....	1,500		

2 women.....	825	6 women (assistants) ..	425
1 woman.....	800	4 women (assistants) ..	350
17 women.....	775	1 man (laboratory	
7 women.....	725	helper) .....	300
203 women.....	700	1 woman (kinder-	
9 women.....	650	garten assistant)....	275
10 women.....	600	1 woman (cadet).....	200
2 women.....	525		
3 women.....	500		

**Course of Study.** The instruction in the elementary schools has been conducted with more or less conformity to a Course of Study published in 1897. The edition has long since been exhausted, and a copy can now with difficulty be obtained. From time to time modifications of the course have been made and issued in circular instruction to the teachers. For this reason it is not easy at the present time for a new teacher either to secure a printed copy of the course or to find the amendments made since it was published. Other reasons exist for preparing a new Course of Study. Methods of treatment and time allowances may properly be changed.

It is therefore desirable in the near future to prepare outlines in the various subjects which will give help and guidance to all teachers in the elementary schools.

The high school Courses of Study have been recently printed, and are satisfactorily meeting the needs of the high school teachers at the present time.

**Closing Schools.** The normal function of schools is to be open. It is not necessary to defend the discharge of normal duties, but any proposition to close the schools is one to divert the activities of a large organization from their normal course. The burden of sufficiency then rests upon the demand made to close schools for any particular purpose. It is the duty and desire of the school administration to carry on the school work as planned, with as few interruptions as possible. This purpose is strong when a request is made to close schools on a school day. The natural attitude towards such a request is one of scrutiny and reluctance. If the reasons for closing, however, are sufficient to overcome the considerations which make for the regular order, then the schools may properly be closed. In the matter of closing schools on account of storm or severe cold, it is difficult usually to determine whether the stronger reasons are for or against closing. This difficulty arises from the varying conditions, habits, and ages of the pupils who attend the schools. Some can safely endure going to school in weather which is too severe for others. The parents of the former children may be accommodated better by having the school open than by having it closed. If parents who desire to keep their children at home on a stormy day could do so, and parents who want their children to go to school could have that privilege, each parent exercising his prerogative without interfering with any other, there would be few occasions when the schools would



need to be closed because of inclement weather. One other consideration, however, affects the proper determination of this issue. On the way to school in a heavy rain or a severe snow-storm, the clothing of a child may become wet, shoes may be soaked through, and the feet greatly chilled. If there were facilities in the school buildings for drying the clothing and for warming the chilled feet, then many children would be enabled to stay in school with safety who because of lack of such facilities are now sent home, even after they have braved the elements to attend school on a stormy day. This consideration is the one which operates most powerfully with those familiar with school conditions in disposing them to the view that it is better for the children to have no session of the schools when the weather is so severe as to expose them to the risk just stated. No one will contend that it is desirable or safe to permit children to remain inactive in school three hours or more in wet clothing. The inadequate provision for drying clothing makes it necessary to do so, however, when the children come to school wet through, and for one reason or another are not sent home. Recently when the schools were in session on a rainy morning, from several of the school buildings it was necessary to send home a large number of the children immediately after arriving. To the child well clothed, provided with suitable outer garments, with rubbers and an umbrella, the trip to school on a stormy day is often in the nature of a more or less adventurous contest with the elements, but to the child with no overcoat, with thin clothing and worn shoes, with no rubbers and with no umbrella, the situation is entirely different. That child must be provided for; if the school cannot receive him and keep him with safety to himself, it must either close its doors to prevent his coming to school or it must send him home after he arrives in a wet and chilled condition. The difficulty of satisfactorily determining this issue springs largely from a lack of knowledge on the part of the public of the conditions which decide the action of the school administration under circumstances like these. No school teacher or principal desires to close school on these days for the sake of having a holiday, but they do know that, owing to the inability of the school to properly care for the children who come through the storm, it is sometimes better that schools be closed. Certain conclusions from these conflicting statements may properly be reached:—

1. It is desirable to have in every building adequate provision for drying feet and clothing of children who come to school wet and chilled.

2. It is desirable to keep the schools open whenever weather conditions are such as to permit the majority of children to attend in safety.

3. It is desirable to omit sessions of the schools whenever



it can be foreseen that a storm of such severity is impending as to imperil the health of children if they go out to attend school.

4. It is desirable that children whose parents decide to keep them at home on a stormy day for prudential reasons should be permitted by the school to be absent without incurring reproach, or condemnation, or loss of standing in their classes.

**Personal.** I am unwilling to close this report without making sincere acknowledgment of my obligation to the School Committee and to all of my associates in the school service, to the Mayor, to the city officials, and to the many citizens who in one way or another have given the encouragement of cordial greetings and hearty good will.

Without exception, you have rendered me the utmost consideration and assistance. You have given freely of your time and interest to the welfare of the schools. For such an attitude good works alone fittingly respond.

The teachers and officers of the schools have shown unmistakably a spirit of co-operation and support. Loyal to the Board, they have extended a similar loyalty to the Superintendent. They deserve and have his grateful appreciation.

Respectfully submitted,

CHARLES S. CLARK.

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By vote of the Board at the meeting held May 25, 1908, the following was adopted and a copy sent to the family of Mr. Snow:—

The Somerville School Board desires to place on record its appreciation of the character and service of

LEMUEL HARLOW SNOW,

truant officer for twenty-two years, from September, 1886, to May, 1908.

With zeal and efficiency in his work he mingled a geniality and kind-heartedness, a tact and sympathy that led the boys with whom he dealt to feel that, after all, he was their friend, devoted to their highest interests, seeking reformation rather than punishment.

In his death the schools lose a wise and capable officer, the city a worthy and upright citizen, and hosts of friends a warm-hearted and loyal companion.

His life and service will long be held in grateful remembrance.

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By vote of the Board at the meeting held January 1, 1909, the following was adopted and a copy sent to the widow of Mr. Spaulding:—

The members of the Somerville School Board, being moved with deep regret at the sudden and untimely death of their former associate,

ELMER H. SPAULDING,

desire to place upon record their appreciation of his public service.

Elected a member of the Board of Aldermen for the three years, 1904 to 1906, inclusive, he devoted his energies to public interests with an intelligence and whole-heartedness which characterized all of his activities. As a private citizen he was ever ready to render help in movements which sought to advance the public welfare, being ready to lead or to follow as occasion might require.

Elected a member of the School Committee from Ward One, he had served from January, 1907, to the day when he passed beyond our sight, a period of nearly two years. Always genial and cordial, his presence was an inspiration to generous feeling. Unsparing of his strength and time, he gave freely to his duties on the Board whatever of thought, and care, and labor they might demand. Although engrossed in the work of a busy life, no school interest made an appeal to him in vain. A kind and affectionate husband, a devoted father, a loyal friend, an active and public-spirited citizen, contributing of his time and ability to the public weal, his life may fittingly be regarded as an example for our youth and as a career worthy of the admiration and approval of his associates.

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**AMENDMENTS TO THE RULES OF THE SCHOOL COMMITTEE**  
**MADE SINCE THE PRINTING OF THE LAST EDITION OF THE RULES.**

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**Regulations for Licensing Minors Under Fourteen Years of Age.**

SECTION 167. No minor under the age of fourteen years shall, in any street or public place of the city of Somerville, work as a bootblack, or sell or expose for sale any books, newspapers, pamphlets, fuel, fruits, provisions, ice, live animals, brooms, agricultural implements, hand tools used in making boots and shoes, agricultural products of the United States, or the products of their own labor or the labor of their families, unless he has a minor's license issued to him by the superintendent of schools of said city, for so working or for so selling said articles, nor unless he complies with the terms of said license.

SECT. 168. The principal of the school in which a minor under the age of fourteen years is a pupil shall receive the application, in duplicate, of the parent or guardian of such minor, or next of kin, for a license for such minor to work as a bootblack, or to sell any or all the articles enumerated in the preceding section, and shall forward the same to the Superintendent of Schools, accompanied by the certificate of the teacher in whose class said minor may be, and of the said principal, that such minor is an attendant at such school and that they approve of the granting of a license to said minor. When the Superintendent authorizes the issue of a license, he shall return to said principal one of said duplicate applications, for filing, retaining the other, and shall issue said license to such minor authorizing said minor to go about from place to place in the city of Somerville and on the sidewalks in said city to sell newspapers, or to work as a bootblack, or in the streets and other public places in said city to sell any or all of the other articles enumerated in the preceding section, and shall provide such minor with a suitable badge, for which a charge of twenty cents shall be made. Every such license shall be issued and accepted on the condition that the minor shall comply with the conditions of his license as contained in the following section, and said section shall be printed in the license.

SECT. 169. The minor shall conform to the statutes and the Regulations of the School Committee of Somerville; shall, so long as he continues under the age of fourteen years, attend, during every session thereof, one of the public schools, or some regularly established school in the city of Somerville; shall surrender his license and badge when notified that his license has been revoked, to the principal aforesaid, who shall return the same immediately to the Superintendent; shall not transfer or lend his license or badge, nor furnish any unlicensed minor with



newspapers or other articles to sell; shall not sell newspapers in or on any part of the street other than the sidewalk; shall not sell newspapers in or on a street car, nor, except on the days of national, state, or city elections, after 8 o'clock in the evening; shall not work as a bootblack, or sell newspapers, unless he is over eleven years of age; shall not sell any other article than newspapers, unless he is over twelve years of age; shall not at any time, while engaged in working as a bootblack, or selling articles in public places, congregate with other persons, nor make any unnecessary noise, nor in way disturb or annoy persons as they pass, nor cry their papers on Sunday, nor occupy any stand with any other person, nor allow any unlicensed minor to assist or accompany him, nor allow idle persons to assemble or congregate around him, or around any stand occupied by him, nor so work or sell in any place other than that specified in his license, when a place is so specified, nor at any time, while so working or selling, fail to wear conspicuously in sight the badge furnished to him by said Superintendent, nor fail to exhibit his license to any police or other officer of said city if requested by him to do so. The Superintendent may suspend or revoke said license upon the violation of any of the conditions thereof, and the minor shall surrender his badge and will be subject to a fine.

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#### **AMENDMENTS CONCERNING THE EMPLOYMENT OF CADET TEACHERS ADOPTED DECEMBER, 1906.**

SECTION 170. Before the opening of the schools in September of each year, the Committee on Text-Books and Courses of Study shall nominate for election by the Board not more than twelve women who shall be designated as cadet teachers, to serve for one year following their appointment, at a salary not to exceed \$200 per year each.

To be eligible for the position of cadet teacher, the candidate must be a graduate of one of the Somerville high schools, and also a graduate either of some state normal school or of some college having pedagogical courses, one or more of which courses the candidate must have taken.

SECT. 171. The cadet teachers shall be assigned by the Superintendent to an equal number of elementary schools, and the assignments shall be changed at the end of each term of thirteen weeks, so that by the close of the school year each cadet teacher will have practiced under the direction and observation of three different principals in three different school buildings.

Cadet teachers shall receive guidance, instruction, and criticism from the principals of the schools in which they serve, render assistance to class teachers or to individual pupils, and when-

ever possible act as substitutes in the absence of regular teachers. They shall receive no increase of pay when acting as substitutes.

SECT. 172. Such of these cadet teachers as secure the recommendation of three out of four of the following officials: the three principals under whom they have served during their cadet year and the Superintendent of Schools, shall be eligible as grade teachers.

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### MISCELLANEOUS AMENDMENTS.

The following amendments to the Rules were adopted December, 1906:—

On page 6, insert as the twenty-first standing committee “(21) On Medical Inspection.”

On page 12, add as Section 32b the following:—

SECTION 32b. The Committee on Medical Inspection of the schools shall advise and co-operate with the Board of Health in all matters pertaining to the medical inspection of the schools. They shall see that all orders and requests of said Board are properly executed by teachers. The annual test of the sight and hearing of pupils required by Statute shall be made by teachers under direction of this committee.

The following sentence was added to Section 80 of the Rules:—

They shall see that fire drills are practiced in their respective buildings at least once in every two weeks, provided that the weather conditions are suitable.

Section 44 of the Rules was amended by making the first sentence of the second paragraph to read as follows. Adopted April, 1907:—

He shall annually publish and send to each member of the Board a complete list of all books, charts, maps, and globes with the number of each kind belonging to the city.

Section 2 of the Rules was amended by changing “nominated” in the second line to “appointed,” and striking out the second sentence, so that the section reads as follows:—

SECTION 2. The Standing Committees of the Board shall be appointed by a committee consisting of the Chairman and Vice-Chairman, and a third member of the Board to be selected by them.

Adopted March, 1908.

## AMENDMENTS CONCERNING SALARIES OF TEACHERS ADOPTED SEPTEMBER, 1908.

### Salaries of Teachers.

SECTION 56. The salaries paid to teachers and other employees of the Board shall be as follows:—

*High Schools:* Teachers in the high schools are designated as head masters, masters, sub-masters, junior sub-masters, and first, second, third, and fourth assistants, who shall be paid in accordance with the following schedule:—

	1st. yr.	2nd yr.	3rd yr.	4th yr.	5th yr.	6th yr.	7th yr.	8th yr.
Head Master .....	\$2,300	\$2,400	\$2,500	\$2,600	\$2,700	\$2,800	\$2,900	\$3,000
Master .....	1,800	1,850	1,900	1,950	2,000	....	....	....
Sub-Masters .....	1,000	1,100	1,200	1,300	1,400	1,500	1,600	1,700
Junior Sub-Masters .....	1,000	1,050	1,100	1,150	1,200	1,250	1,300	....
First Assistants .....	1,000	1,050	1,100	1,150	1,200	....	....	....
Second Assistants .....	900	950	1,000	....	....	....	....	....
Third Assistants .....	650	700	750	800	850	900	....	....
Fourth Assistants .....	As may	be deter	mined	by vote.	....	....	....	....

Fourth assistants in the high schools may be appointed by the Board at such salary as it may determine, on recommendation of the standing committee of the high schools.

SECTION 57. *Grammar and Primary Schools.* Teachers in grammar and primary schools shall be paid annual salaries according to the following schedule:—

	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year
Masters ... ..	\$1,500	\$1,550	\$1,600	\$1,650	\$1,700	\$1,750	\$1,800	\$1,850	\$1,900
Masters' Assistants .....	700	725	750	775	...	....	....	....	....
First Eight Grades .....	375	450	525	600	650	700	...	...	....
Ninth Grade ... ..	625	650	675	700	725	....	....	....	....
Head Kindergartners .....	300	375	450	525	600	....	....	....	....
Assistants not in charge of room ..	200	275	350	425	...	....	....	....	....
Principals, 12-room buildings ..	800	850	900	950	1,000	....	....	....	....
Principals, 10-room buildings .....	750	800	850	900	950	....	....	....	....
Principals, 8-room buildings .....	750	800	850	900	...	....	....	....	....
Principals, 6-room buildings .....	725	775	825	...	...	....	....	....	....
Principals, 4-room buildings .....	675	725	775	...	...	....	....	....	....

SECTION 58. *Supervisors and Special Instructors,* and other



employees shall be paid annual salaries according to the following schedule:—

	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year
Teachers of Music in high school and upper grammar grades.....	\$1,200	\$1,300	\$1,400	\$1,500	\$1,600	\$1,700	....	....	....
Supervisor of Music in lower grades.....	700	800	900	1,000	....	....	....	....	....
Supervisor of Drawing.....	700	800	900	1,000	....	....	....	....	....
Supervisor of Penmanship.....	800	900	1,000	1,100	1,200	1,300	\$1,400	\$1,500	....
Sewing Teachers.....	500	550	600	650	700	....	....	....	....
Manual Training Teachers, for five hours daily* .....	1,100	....	....	....	....	....	....	....	....
Permanent Substitutes in grades below the ninth.....	375	450	525	600	650	700	....	....	....
Temporary Substitutes in grades below the ninth.....	1.50	to	2.50	per	day.	....	....	....	....
Temporary Substitutes in high schools, ninth grades, or for principals.....	....	....	3.00	per	day.	....	....	....	....
Substitutes for Masters or Sub-Masters.....	....	....	5.00	per	day.	....	....	....	....
First Truant Officer†.....	1,000	1,100	1,200	1,300	....	....	....	....	....
Second Truant Officer.....	50	....	....	....	....	....	....	....	....
Superintendent of Schools.....	2,500	2,600	2,700	2,800	2,900	3,000	....	....	....
Superintendent's Clerk.....	600	650	700	750	....	....	....	....	....

\* \$1,400 for six hours daily.

† He to furnish and maintain his own team.

SECTION 61. The salary of any teacher or other employee of the School Committee shall be fixed by the Committee at the time of election. It may be fixed at the minimum, at the maximum, or at any intermediate sum provided for in the foregoing schedules, except that no teacher shall receive the maximum salary who has not had at least five years of teaching experience. Graduation at a normal school shall be considered equivalent to a year of teaching experience.

Increase of salaries shall commence at the monthly period of payment next succeeding the end of each year of service.

#### AMENDMENTS CONCERNING VACATIONS AND EVENING SCHOOLS ADOPTED SEPTEMBER, 1908.

SECTION 152. The first term of the evening school shall begin on the first Monday of October and continue ten school weeks. The second term shall begin on the date of the opening of the day schools after the Christmas vacation, and shall continue ten school weeks. The term of any school may be shortened by the Evening School Committee. The sessions of the evening schools shall be held on such evenings as may be determined upon by the Evening School Committee.

SECTION 112. The following shall be the holidays and vacations granted to all the schools:—



*Holidays.*—Every Saturday; Thanksgiving Day, together with the afternoon preceding and the Friday following it; February 22; Patriots' Day; Memorial Day; June 17. Whenever any holiday falls on Sunday, the schools shall be closed on the following day.

*Vacations.*—The week in which the 25th of December occurs; the two weeks that separate the last twenty-four weeks of the school year into three terms of eight weeks each; from the close of the school year to the time fixed for its beginning.

The Chairman of the School Committee may dismiss all the schools on extraordinary occasions of general interest.

## ORGANIZATION OF SOMERVILLE SCHOOLS.

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Information concerning our schools is frequently sought by citizens or by educators in other localities. Following are the principal facts concerning them:—

**Kindergartens.** The city supports four kindergartens, in the Hanscom, Bennett, Baxter, and Glines Schools. Vaccinated children between four and five years of age are admitted to the kindergarten nearest their residence during the months of September and April, and may remain until the July following their fifth birthday. Sessions from 9 to 11.45.

Head kindergartners receive \$600. One trained assistant is allowed when the number exceeds thirty, at a salary of \$275, \$350, or \$425, according to experience. Kindergarten teachers give five hours daily to their work, the afternoon being employed in visitation, preparation, mothers' meetings, and the like.

**Primary Schools.** Our elementary school course covers nine years, the first three of which are spent in primary schools. We have one exclusively primary school building, the ninety-three primary classes being distributed among twenty-three schoolhouses.

Vaccinated children five years of age, or who will reach that age on or before the first day of October, are admitted during the month of September only, provided they have never attended school before. Children able to enter existing classes will be admitted at any time. Applications for admission should be made to the principal of the school.

Only trained or experienced teachers are employed, the salaries being \$300, \$375, \$450, \$525, \$600, \$650, or \$700, according to length of service. Normal training is equivalent to a year's experience, and experience in other places may be counted in determining salary.

Teachers of any grade, with classes numbering fifty, are allowed an assistant at the option of District Committees, who is paid \$200, \$275, \$350, or \$425, according to years of service.

**Grammar Schools.** The grammar grades are found chiefly in twelve large buildings, of twelve or more rooms each. The course covers six years, and includes only those studies which the statute requires, with the addition of music, sewing, elementary science, and sloyd manual training in the two upper grades.

The salaries of grammar school teachers are the same as those of primary teachers. Masters are paid \$1,900, and their assistants \$775. Other ninth-grade teachers are paid \$725. Principals of smaller schools receive \$775, \$825, \$900, \$950, or \$1,000.

**Promotions.** Promotions in all grades, from the first to the thirteenth, are made in June by the regular teacher and the principal, with the approval of the Superintendent and District Com-

mittee. They are based on the estimate of the pupil's daily work made by the teacher and recorded bi-monthly. An occasional brief, unannounced, written test is a factor in this estimate.

Where there is reasonable doubt of a student's fitness, he may be promoted on a trial of three months. In such cases the parent is notified and kept informed of his child's progress. At the end of this probationary period he may be returned to his former grade, provided it seems for his interests. In 1908 ten per cent. of those promoted on trial fell back.

Children capable of more rapid advancement may be promoted one or more grades at any time. Thirty-nine were thus promoted in 1908.

Fitness for graduation or for admission to the high schools is determined in precisely the same way. Diplomas are given in grammar and high schools to those who have satisfactorily completed full courses.

**Latin High School.** In September, 1895, in the forty-third year of its existence, the Somerville High School was divided, the classical, or college preparatory, departments remaining in the old building, erected in 1872, and the English departments occupying a new building, erected in 1894-'95.

Some facts concerning the Latin School are presented in the following table:—

School Year.	Average Number Belonging.	Number Entering.	Graduates.	Cost of Instruction.	Per Capita Cost.	Teachers.	Pupils to Teacher.
1895-6	257	69	50	\$11,702	\$45.57	9	28.6
1896-7	262	81	51	11,840	45.19	9	29.1
1897-8	273	86	55	11,921	43.67	9	30.3
1898-9	264	78	51	11,935	45.21	9	29.3
1899-0	245	65	48	12,491	50.98	9	27.2
1900-1	271	104	56	12,676	46.74	9	30.0
1901-2	314	114	56	12,583	40.13	10	31.4
1902-3	358	125	46	14,170	39.58	11	32.5
1903-4	398	122	73	16,104	40.46	13	30.6
1904-5	411	138	76	16,566	40.31	13	31.6
1905-6	431	135	81	16,991	39.42	14	30.8
1906-7	425	122	75	19,243	45.20	15	28.5
1907-8	471	160	94	19,663	41.79	15	31.4

The object of the school is, primarily, to furnish a suitable preparation for those pupils who desire to pursue either a regular or a special course of study at higher institutions of learning, but the school is open to all pupils who wish to take the courses of study offered.

The regular time for completing the course is four years. Pupils, at the request of their parents, can make the work of each year easier by taking five years for the course. Those who

are capable, and have good reason for shortening the time of preparation, are allowed to complete the course in as short a time as their ability will permit.

Graduates of grammar schools are admitted to either high school on presenting a certificate of qualification signed by a master. All other pupils are admitted by an examination in grammar school studies, given usually on the day preceding the opening of the schools in September.

The tuition for non-residents is the per capita cost for the year, payable in advance. The sessions of the school are from 8.30 to 1.30. The salaries paid high school teachers range from \$900 to \$1,200 for women and from \$1,000 to \$3,000 for men.

**English High School.** This school was organized in September, 1895. Information concerning it is found in the following table:—

School Year.	Average Number Belonging.	Number Entering.	Graduates.	Cost of Instruction.	Per Capita Cost.	Teachers.	Pupils to a Teacher.
1895-6	456	213	67	\$20,102	\$44.13	21	21.7
1896-7	531	235	70	23,010	43.33	21	25.3
1897-8	535	224	75	24,843	46.44	22	24.3
1898-9	575	231	86	26,159	45.49	23	25.0
1899-0	669	316	83	31,322	46.82	27	24.8
1900-1	691	249	97	32,739	47.35	30	23.0
1901-2	738	294	103	35,989	48.74	34	21.7
1902-3	747	264	135	36,843	49.32	33	22.6
1903-4	728	264	106	34,426	50.04	33	22.1
1904-5	784	339	135	39,634	50.56	33	23.8
1905-6	893	378	127	39,823	44.60	35	25.5
1906-7	994	402	143	42,862	43.12	39	25.5
1907-8	1,060	457	141	47,228	44.55	42	25.2

The course of study covers four years. Graduates are admitted to special courses when the conditions are favorable. Candidates for technical and normal schools take specific preparatory work.

Concerning admission, sessions, etc., see Latin School.

A simple, healthful, inexpensive lunch is served at the recess midway of the session to pupils desiring it.

**Manual Training.** Three rooms are fitted and equipped in the basement of the English High School for its manual training department. The course includes carpentry, wood-turning, and carving, clay modeling, pattern making, moulding, and casting. A fourth room is devoted to mechanical drawing, with a full course. Manual training has been extended to include the eighth and ninth grades in the grammar schools, two centres having been established with twenty-five sloyd benches each.



The men in charge of the manual training department are paid \$1,600, \$1,400, \$1,200, and \$1,050.

**Sewing.** Sewing is taught to the girls in the fifth, sixth, seventh, and eighth grammar grades in weekly lessons of about one hour each.

Four special teachers are employed, three at salaries of \$700, and one at \$500.

**Music.** Instruction in music is given exclusively in the high schools and in part in the three upper grammar grades by a specialist, who is paid \$1,700. The books used are "The Euterpean," "The Cecilian Series of Music and Song," Nos. 1, 2, 3, and 4, and "The Laurel Song Book."

In the six lower grades musical instruction is given by the regular grade teacher, under the supervision of a specialist, who visits each class once every fifteen days. She is paid \$1,000. The Normal System of Music, with its books and charts, is used.

**Gymnastics.** In elementary grades the Ling system of Swedish gymnastics is practiced daily. No special teacher is employed.

**Recesses.** The Latin School has two brief recesses, breaking the daily sessions into thirds. The English School has a single recess at the end of the third period.

The four lower elementary grades have a five-minute recess midway of each session. The five upper grammar grades have no recess, though no unreasonable physical restraint is placed upon any pupil.

No detention of pupils is allowed at noon, and but a half-hour's detention at the close of the afternoon session, "for wilful neglect of duty only."

**Corporal Punishment.** Corporal punishment, "which includes any infliction of physical pain or application of physical force," is not prohibited. It must, however, not be administered until twenty-four hours after the offence, the approval of the principal being first obtained. Each case must be reported in detail to the Superintendent. There were 326 cases in 1906, 314 in 1907, and 318 in 1908.

**Drawing.** Two teachers of drawing are employed in the English High School at salaries of \$1,000 and \$850. In that school freehand drawing is compulsory for first-year pupils, and elective for all others. Drawing is not taught in the Latin School. A few Latin School pupils take drawing in the English School.

In the primary grades daily lessons, and in the grammar grades semi-weekly lessons are given by the regular teacher, under the direction of a supervisor, who visits each class once a month, and is paid \$1,000.

The course includes pictorial drawing from nature, models, and objects; structural drawing from type solids; decorative drawing, designing, and color work, historic ornament and

picture-study. No drawing books are used. Colored crayons are provided in primary grades, and water-colors and brush in grammar grades.

**Penmanship.** Intermedial slant writing is taught in the elementary schools, the Whitehouse system being used. The supervisor visits each class once in four weeks, and receives \$1,500.

**Cadet Teachers.** Provision has been made for the employment in the elementary schools of not exceeding twelve "Cadet teachers," at a salary of \$200 each. One such teacher is at work at the present time.

**The Public Library.** The English School has a working library of 1,700 volumes, but it draws constantly on the public library, located in an adjoining building.

For many years there has been a constant use of the library by school children. One hundred and sixty-five circulating libraries of fresh books are in use in the smaller buildings. As far as they can, the teachers guide in the selection of books by the children, and the librarian and his assistants cheerfully render all the help in their power.

**Evening Schools.** An evening high school is maintained in the English High School building on three evenings a week, from 7.30 to 9.30. The principal is paid \$6, and his assistants \$4, \$3, \$2, and \$1.50. Any high school study, and freehand and mechanical drawing, may be pursued.

Elementary evening schools are open in the Prescott, Bell, and Highland buildings from October 1 on four evenings a week, from 7.30 to 9.30. The length of the term is dependent on the interest and attendance. The course of study followed is that prescribed by the Statutes. Principals receive \$3 or \$4, and assistants \$2, \$1.50, or \$1 each evening.

**Truants.** The city employs one active truant officer, who is paid \$1,300. Truants are sent to the county truant school at North Chelmsford. There are now fifteen truants from Somerville in the school.

**Janitors.** These important officers are appointed by the Commissioner of Public Buildings, and are under his direction and that of the school principal.

**Supervision.** The Superintendent of Schools is the executive officer of the Board, and upon him devolves the general management of the schools under its direction. He serves as the secretary of the Board and as supply agent. His salary is \$3,000, and he is allowed two clerks, who receive \$700 and \$550. His office is in the City Hall Annex, and his hours are from 4 to 5 each school day, and from 8 to 9 on Saturday. His office is open from 8 to 5 on school days, and from 8 to 10 on Saturdays.

The meetings of the School Board are held on the last Monday evening of each month, except July, August, and December, at 8.15 o'clock.

## NAMES OF MEMBERS OF THE SCHOOL BOARD UNDER THE SECOND CHARTER.

January, 1900, to January, 1909.

### FROM WARD ONE.

George S. Poole.....	1900-1905 .....	5 yr.
S. Newton Cutler.....	1900-1904 .....	4 yr.
Henry F. Curtis.....	1904- .....	
William W. Kennard.....	1905-1907 .....	2 yr.
Elmer H. Spaulding.....	1907-1909 .....	2 yr.
Emory F. Chaffee.....	1909- .....	

### FROM WARD TWO.

Edward J. Flynn.....	1900-1905 .....	5 yr.
John H. O'Neil.....	1900-1904; 1905-1907 ..	6 yr.
Daniel H. Bradley.....	1904- .....	
Thomas M. Clancy.....	1907- .....	

### FROM WARD THREE.

Dana W. Bennett.....	1900-1905 .....	5 yr.
James F. Beard.....	1900- .....	8 mos.
Alvah B. Dearborn.....	1900-1902 .....	1 yr. 4 mos.
George E. Whitaker.....	1902- .....	
Wilbur S. Clarke.....	1905- .....	

### FROM WARD FOUR.

William P. Jones.....	1900-1907 .....	7 yr.
George W. W. Whiting.....	1900-1906 .....	6 yr.
Charles A. Kirkpatrick, Jr....	1906- .....	
George W. Foster.....	1907- .....	

### FROM WARD FIVE.

J. Walter Sanborn.....	1900- .....	
Quincy E. Dickerman.....	1900-1906 .....	6 yr.
Henry H. Folsom.....	1906- .....	

### FROM WARD SIX.

Martin W. Carr.....	1900-1901 .....	1 yr.
Frederick A. P. Fiske.....	1900- .....	
Fred M. Carr.....	1901-1903 .....	2 yr.
Charles H. Hood.....	1903-1907 .....	4 yr.
Leon M. Conwell.....	1907-1909 .....	2 yr.
Leonard H. Pote.....	1909- .....	

### FROM WARD SEVEN.

Henrietta B. H. Attwood.....	1900- .....	
George A. Miles.....	1900-1904 .....	4 yr.
George C. Mahoney.....	1904- .....	

(In 1905 the Charter was amended so that the Mayor and the President of the Board of Aldermen become members, ex-officiis, of the School Board.)

### MAYORS.

Leonard B. Chandler.....	1905-1906 .....	1 yr.
Charles A. Grimmons.....	1906-1909 .....	3 yr.
John M. Woods.....	1909- .....	

### PRESIDENTS OF THE BOARD OF ALDERMEN.

John J. Higgins.....	1905-1906 .....	1 yr.
Sidney B. Keene.....	1906-1907 .....	1 yr.
Leonard W. Cole.....	1907-1909 .....	2 yr.
Charles A. Burns.....	1909- .....	



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TABLE 1.—SCHOOLHOUSES.

	NAME.	No. of Classrooms.	Size of Lot.	Valuation, including Furniture.	When built.	No. of years used.	Enlargements.
1	Latin High . . .	a13	.....	\$91,500	1871	37	8 rooms added 1906
2	English High . .	b19	.....	137,600	1895	13	
3	Prescott . . . .	12	22,000	66,250	1867	41	
4	Knapp . . . . .	13	24,517	50,340	1889	19	4 rooms added 1894
5	Pope . . . . .	12	27,236	80,860	1891	17	
6	Bell . . . . .	12	22,262	45,340	1874	3	
7	Edgerly . . . .	12	24,000	44,250	1871	37	{ 4 rooms added 1882 4 rooms added 1892
8	Glines . . . . .	14	28,800	80,800	1891	17	5 rooms added 1896
9	Forster . . . .	18	30,632	85,350	1866	42	6 rooms added 1899
10	Bingham . . . .	16	35,586	60,000	1886	22	{ 4 rooms added 1894 8 rooms added 1904
11	Carr . . . . .	17	20,450	53,800	1898	10	
12	Morse . . . . .	12	29,000	48,200	1869	39	6 rooms added 1890
13	Highland . . . .	12	23,260	60,560	1880	28	4 rooms added 1891
14	Hodgkins . . . .	14	35,034	71,550	1896	12	
15	Bennett . . . . .	12	17,000	59,248	1902	6	
16	Hanscom . . . .	10	12,756	72,840	1897	11	4 rooms added 1907
17	Brown . . . . .	10	20,093	64,701	1901	7	4 rooms added 1907
18	Proctor . . . . .	9	18,000	41,029	1905	4	
19	Burns . . . . .	8	16,080	34,700	1886	22	4 rooms added 1899
20	Lowe . . . . .	8	21,650	51,826	1903	5	
21	Baxter . . . . .	6	11,000	32,956	1901	7	
22	Perry . . . . .	6	46,080	37,000	1899	8	
23	Davis . . . . .	4	30,155	22,720	1884	24	
24	Cummings . . .	4	11,300	11,920	1884	24	
25	Durell . . . . .	4	13,883	19,720	1894	14	
26	Lincoln . . . . .	4	17,662	18,220	1885	23	
Total . . . .		281	.....	\$1,443,280	....	..	

(a) Besides a recitation room, a physical laboratory, two teachers' rooms, an assembly hall, a library and a principal's office.

(b) A chemical, a physical, a biological laboratory, seven recitation rooms, a lecture hall, two drawing rooms, two teachers' rooms, library, and principal's office. Four manual training rooms and lunch room in basement. The biological laboratory and the lecture hall furnish three classrooms.

TABLE 2.—COST OF MAINTAINING SCHOOLS, 1908.

SCHOOLS.	Teachers.	Care.	Supplies.	Total.
Latin High . . .	\$20,020 14	\$2,884 69	\$1,414 22	\$24,319 05
English High . . .	48,009 13	4,695 40	6,237 97	58,942 50
Prescott . . .	11,294 69	1,444 41	892 74	13,631 84
Knapp . . .	11,842 16	1,643 53	986 44	14,472 13
Pope . . .	11,280 20	1,692 62	963 79	13,936 61
Bell . . .	11,164 44	1,333 48	942 74	13,440 66
Edgerly . . .	11,325 60	1,374 22	888 23	13,588 05
Glines . . .	11,876 73	2,017 72	816 63	14,711 08
Forster . . .	15,813 22	3,328 59	1,105 28	20,247 09
Bingham . . .	14,152 36	1,879 04	969 86	17,001 26
Carr . . .	14,745 72	2,040 41	839 28	17,625 41
Morse . . .	11,656 30	1,574 12	1,090 88	14,321 30
Brown . . .	9,204 03	1,300 37	1,382 99	11,887 39
Highland . . .	11,071 31	1,856 15	1,121 94	14,049 40
Hodgkins . . .	12,809 82	1,575 65	1,311 98	15,697 45
Bennett . . .	10,223 09	1,533 84	662 06	12,418 99
Hanscom . . .	7,383 28	1,215 88	657 63	9,256 79
Proctor . . .	7,111 12	1,256 88	561 54	8,929 54
Burns . . .	6,472 15	1,198 18	437 27	8,107 60
Lowe . . .	6,448 29	1,182 52	510 60	8,141 41
Baxter . . .	5,480 43	970 31	466 83	6,917 57
Perry . . .	4,864 56	1,065 10	549 81	6,479 47
Davis . . .	3,063 15	884 99	150 70	4,098 84
Cummings . . .	3,039 68	940 47	247 98	4,228 13
Durell . . .	3,011 18	797 13	225 06	4,033 37
Lincoln . . .	3,401 56	889 56	302 25	4,593 37
Evening . . .	7,636 61	1,798 62	640 45	10,075 68
Totals . . .	\$294,400 95	\$44,373 88	\$26,377 15	\$365,151 98

TABLE 3.—PER CAPITA COST OF MAINTAINING SCHOOLS, 1908.

SCHOOLS.	Teachers.	Care.	Supplies.	Total.
Latin High . . .	\$41 71	\$6 01	\$2 95	\$50 67
English High . . .	44 33	4 34	5 76	54 43
Prescott . . . .	21 76	2 78	1 72	26 26
Knapp . . . . .	20 49	2 84	1 71	25 04
Pope . . . . .	22 29	3 35	1 90	27 54
Bell . . . . .	21 76	2 60	1 84	26 20
Edgerly . . . . .	22 08	2 68	1 73	26 49
Glines . . . . .	22 24	3 78	1 53	29 45
Forster . . . . .	21 00	4 42	1 47	26 89
Bingham . . . . .	20 75	2 76	1 42	24 93
Carr . . . . .	20 83	2 88	1 19	24 90
Morse . . . . .	22 37	3 02	2 09	27 48
Brown . . . . .	21 11	2 98	3 17	27 26
Highland . . . . .	21 21	3 56	2 15	26 92
Hodgkins . . . . .	21 24	2 61	2 18	26 03
Bennett . . . . .	20 49	3 07	1 33	27 17
Hanscom . . . . .	18 79	3 10	1 67	26 11
Proctor . . . . .	19 17	3 39	1 51	24 07
Burns . . . . .	18 18	3 37	1 23	22 78
Lowe . . . . .	18 22	3 34	1 44	23 00
Baxter . . . . .	19 10	3 38	1 63	27 84
Perry . . . . .	18 71	4 10	2 11	24 92
Davis . . . . .	19 39	5 60	95	25 94
Cummings . . . . .	19 36	5 99	1 58	26 93
Durell . . . . .	17 01	4 50	1 27	22 78
Lincoln . . . . .	17 35	4 54	1 54	23 43
High schools . . .	\$43 52	\$4 85	\$4 90	\$53 27
Gram. and primary .	21 36	3 47	1 77	26 60
All schools . . . .	24 21	3 65	2 17	30 03
Gram. and prim. with- out evening schools	20 64	3 30	1 71	25 65
All schools without evening schools .	23 58	3 50	2 12	29 20

**TABLE 4. — ANNUAL COST OF MAINTAINING THE SCHOOLS**  
FOR A SERIES OF YEARS.

Amounts are given to the nearest dollar and include what has been paid for maintaining day and evening schools of all grades.

YEAR.	Average Member- ship.	Instruction and Supervision.	Water and Light.	Heating.	Janitors.	School Supplies.	Total.
1886	4,985	\$83,542	624	\$4,929	\$4,194	\$6,676	\$99,865
1887	5,198	86,713	765	6,475	5,084	7,526	106,563
1888	5,488	88,967	953	7,121	5,892	7,421	110,354
1889	5,956	96,466	805	6,081	6,448	9,903	119,703
1890	6,486	104,184	1,004	5,586	7,539	10,371	128,684
1891	6,502	114,066	1,047	8,032	8,544	13,899	145,588
1892	7,035	124,232	1,064	7,148	9,794	12,944	155,183
1893	7,217	128,720	1,014	8,312	10,160	10,137	158,333
1894	7,212	132,919	958	9,673	10,686	10,919	165,155
1895	7,617	144,113	1,398	8,796	11,581	15,063	180,951
1896	8,077	161,551	1,469	9,962	14,160	17,601	204,743
1897	8,589	180,222	1,920	10,065	16,251	14,815	223,273
1898	9,085	189,244	2,075	9,767	17,393	14,986	233,465
1899	9,502	197,660	2,472	10,821	17,831	16,131	244,915
1900	9,823	212,863	1,729	10,840	19,236	15,735	260,403
1901	9,991	226,556	1,731	13,723	20,078	18,707	280,796
1902	10,402	234,210	1,803	10,489	20,859	19,386	286,747
1903	10,719	242,964	2,015	18,052	21,042	20,873	304,946
1904	11,094	255,481	1,436	15,315	22,024	21,648*	315,904
1905	11,543	259,597	4,345	15,167	21,949	20,619*	321,677
1906	11,762	266,197	2,875	14,162	23,143	22,969*	329,346
1907	11,909	273,107	3,760	15,236	23,999	24,750*	340,852
1908	12,159	294,400	3,831	14,912	25,245	26,763*	365,151

\*Including cost of telephones.



**TABLE 5.—ANNUAL COST PER CAPITA OF MAINTAINING SCHOOLS**

FOR A SERIES OF YEARS.

[ Based on the average membership. ]

YEAR.	Instruction and Supervision.	Janitors, Water, Heat, and Light.	School Supply Expenses.	Total.	Assessors' Valua- tion of City.	Ratio of Cost of School Main- tenance to Valuation.
1886	\$16 76	\$1 94	\$1 34	\$20 03	\$26,003,200	.00384
1887	16 68	2 37	1 45	20 50	27,469,300	.00388
1888	16 21	2 54	1 36	20 11	28,756,400	.00384
1889	16 20	2 24	1 66	20 10	30,004,600	.00399
1890	16 06	2 18	1 60	19 84	32,557,500	.00395
1891	17 54	2 71	2 14	22 39	36,843,400	.00395
1892	17 66	2 56	1 84	22 06	38,093,100	.00407
1893	17 84	2 70	1 40	21 94	41,773,600	.00379
1894	18 43	2 96	1 51	22 90	44,142,900	.00374
1895	18 92	2 86	1 98	23 76	46,506,300	.00390
1896	20 00	3 17	2 18	25 35	49,013,050	.00418
1897	20 98	3 29	1 73	26 00	50,173,775	.00444
1898	20 83	3 22	1 65	25 70	50,739,700	.00460
1899	20 80	3 28	1 70	25 78	51,202,350	.00478
1900	21 67	3 24	1 60	26 51	52,513,400	.00496
1901	22 67	3 56	1 87	28 10	53,924,200	.00521
1902	22 52	3 19	1 86	27 57	55,485,370	.00517
1903	22 67	3 84	1 95	28 46	56,981,360	.00535
1904	23 03	3 52	1 93	28 48	58,056,700	.00544
1905	22 50	3 63	1 74	27 87	59,146,600	.00544
1906	22 63	3 45	1 92	28 00	60,371,500	.00546
1907	22 93	3 65	2 04	28 62	61,527,750	.00554
1908	24 21	3 65	2 17	30 03	63,158,400	.00578

**TABLE 6.—AMOUNT SPENT ANNUALLY FOR ALL SCHOOL PURPOSES**

FOR A SERIES OF YEARS.

YEAR.	For New Schoolhouses.	For Repairs and Permanent Improvements.	For Maintaining Schools.	Amount Spent for all School Purposes.
1886	\$15,515	\$8,706	\$99,865	\$114,086
1887	14,839	13,636	106,563	135,038
1888	4,996	13,994	110,354	129,344
1889	20,167	14,225	119,703	154,095
1890	75,775	19,168	128,684	223,627
1891	84,902	14,847	145,588	245,337
1892	12,679	17,734	155,183	176,001
1893	22,809	12,440	158,333	193,582
1894	82,206	44,764	165,155	292,125
1895	87,680	15,651	180,951	284,282
1896	61,016	33,240	204,743	298,999
1897	46,621	20,507	223,273	290,400
1898	49,983	21,274	233,465	304,722
1899	72,516	15,637	244,915	333,068
1900	51,232	21,745	260,403	333,380
1901	49,203	11,000	280,796	340,999
1902	56,501	13,079	286,747	356,327
1903	59,822	12,261	304,946	377,029
1904	23,703	18,209	315,904	357,816
1905	51,987	8,306	321,677	381,970
1906	38,457	11,951	329,346	379,754
1907	31,804	18,008	340,852	390,664
1908	18,271	17,792	365,151	401,214

TABLE 7.—POPULATION AND SCHOOL CENSUS.

1842 . . .	1,013	1880 . . .	24,985	1902 . . .	65,273
1850 . . .	3,540	1885 . . .	29,992	1903 . . .	67,500
1860 . . .	8,025	1890 . . .	40,117	1905 . . .	69,272
1865 . . .	9,366	1895 . . .	52,200	1906 . . .	70,875
1870 . . .	14,693	1900 . . .	61,643	1907 . . .	72,000
1875 . . .	21,594	1901 . . .	63,000	1908 . . .	75,500

## SCHOOL CENSUS.

No. of children between 5 and 15 years of age October 1,

	1907.	1908.	Change.
Ward 1 . . . . .	2,008	2,068	+60
Ward 2 . . . . .	2,607	2,443	-164
Ward 3 . . . . .	1,095	1,055	-40
Ward 4 . . . . .	1,001	1,036	+35
Ward 5 . . . . .	1,910	1,989	+79
Ward 6 . . . . .	2,054	2,073	+19
Ward 7 . . . . .	1,623	1,553	-70
Total . . . . .	12,298	12,217	-81
In public schools . . . . .	10,525	10,715	+190
In private schools . . . . .	1,598	1,648	+50
Out of school . . . . .	492	455	-37
Total . . . . .	12,615	12,818	+203

Number of compulsory school age, 7 to 14:—

	1908.	
According to census, males . . . . .	4,390	
females . . . . .	4,369	
	<hr/>	8,759
In public schools, males . . . . .	3,791	
females . . . . .	3,610	
	<hr/>	7,401
In private schools, males . . . . .	516	
females . . . . .	702	
	<hr/>	1,218
Total in school . . . . .		<hr/> 8,619

Number of illiterate minors . . . . .	14
Children under 7 out of school . . . . .	301
"    between 7 and 14 out on account of sickness . . . . .	55
"    14 years old at work . . . . .	85
Total number out of school . . . . .	441

TABLE 8. — ATTENDANCE OF THE PUBLIC SCHOOLS, 1908.

Rooms Occupied in December.	SCHOOLS.	Annual Enrollment.	Average Membership.	Average Attendance.	Per cent. of Attendance.	No. Attending in January.	No. Attending in December.	Average No. to Classroom in December.
15	Latin High . . .	506	480	459	95.7	477	503	
24	English High . . .	1,150	1,083	1,030	95.1	1,088	1,160	
12	Prescott . . .	674	519	492	94.9	550	505	41.7
13	Knapp . . .	705	578	551	95.3	594	609	47.2
12	Pope . . .	598	506	478	94.5	508	541	45.0
12	Bell . . .	621	513	485	94.5	533	533	41.0
12	Edgerly . . .	622	513	480	93.6	536	526	44.0
13	Glines . . .	681	534	505	94.6	534	572	44.0
18	Forster . . .	932	753	705	93.6	771	792	44.0
16	Bingham . . .	830	682	639	93.7	679	738	44.9
17	Carr . . .	861	708	666	94.1	718	741	43.6
12	Morse . . .	647	521	491	94.3	543	530	44.1
10	Brown . . .	548	436	412	94.5	429	471	47.1
12	Highland . . .	590	522	504	96.6	536	541	45.1
14	Hodgkins . . .	742	603	579	95.9	619	624	44.6
12	Bennett . . .	648	499	458	91.8	493	510	46.4
10	Hanscom . . .	539	393	364	92.6	370	459	45.9
9	Proctor . . .	486	371	347	93.4	392	367	40.7
8	Burns . . .	480	356	333	93.5	384	357	44.6
8	Lowe . . .	483	354	328	93.0	354	387	48.3
6	Baxter . . .	460	287	266	93.0	299	306	51.0
6	Perry . . .	348	260	244	94.0	254	301	50.0
4	Davis . . .	219	158	145	92.0	160	165	41.2
4	Cummings . . .	205	157	146	93.3	153	163	40.0
4	Durell . . .	246	177	166	94.0	181	185	46.3
4	Lincoln . . .	284	196	185	94.2	203	216	54.0
287	Total . . .	15,105	12,159	11,458	94.2	12,358	12,802	44.9
279	Total for 1907 . .	14,802	11,909	11,166	93.8	12,133	12,518	45.9



TABLE 9.—STATISTICS OF HIGH SCHOOLS FOR SCHOOL YEAR, SEPTEMBER 11, 1907, TO JUNE 30, 1908.

	Latin.	English.
Number of teachers . . . . .	15	42
Number of days school kept . . . . .	181	181
Number enrolled . . . . .	496	1,189
Average number belonging . . . . .	470.5	1,060.1
Average daily attendance . . . . .	449.0	1,004.3
Per cent. of attendance . . . . .	95.4	94.7
Tardiness . . . . .	313	438
Dismissals . . . . .	381	259
In Class I. September, 1907 . . . . .	160	457
June . . . . .	148	365
Per cent. of loss . . . . .	7	20.1
In Class II. September, 1907 . . . . .	111	316
June . . . . .	104	263
Per cent. of loss . . . . .	6.0	16.8
In Class III. September, 1907 . . . . .	107	215
June . . . . .	101	190
Per cent. of loss . . . . .	6	11.6
In Class IV. September, 1907 . . . . .	101	170
June . . . . .	98	149
Per cent. of loss . . . . .	3	12.4
Special students, September, 1907 . . . . .		13
June . . . . .		6
Total, September, 1907 . . . . .	479	1,171
June . . . . .	451	973
Per cent. of loss . . . . .	6.0	16.9
Number of graduates, male . . . . .	35	52
Number of graduates, female . . . . .	59	89
Total . . . . .	94	141
Average age, male . . . . .	18-5	18-10
Average age, female . . . . .	18-6	18-10
Number entering college . . . . .	50	4
Number of graduates entering technical schools . . . . .		9
Number of graduates entering normal schools . . . . .	5	10
Cost of instruction . . . . .	\$19,662 50	\$47,228 25
Cost of supplies . . . . .	1,126 78	6,854 37
Total cost . . . . .	20,789 28	54,082 62
Per capita cost of instruction . . . . .	41 79	44 55
Per capita cost of supplies . . . . .	2 39	6 47
Total cost per capita . . . . .	44 19	51 02

TABLE 10.—PUPILS BY GRADES, 1908.

SCHOOL.	GRADE.	TEACHERS.			PUPILS.			Average Age.		Never in School Before.	From Other City Schools.	From Other Schools.
		Men.	Regular.	Women Assistants.	Boys.	Girls.	Total.	Years.	Months.			
Latin	Thirteenth . . .	....	....	....	39	65	104	18	4	.....	2	3
"	Twelfth . . .	....	....	....	40	60	100	17	2	.....	2	5
"	Eleventh . . .	....	....	....	67	76	143	16	1	.....	8	2
"	Tenth . . .	....	....	....	82	74	156	15	2	.....	149	15
	Total . . .	6	9	....	228	275	503	....	.....	.....	161	25
English	Special . . .	....	....	....	3	7	10	19	8	.....	.....	.....
"	Thirteenth . . .	....	....	....	63	119	182	18	4	.....	.....	2
"	Twelfth . . .	....	....	....	85	133	218	17	4	.....	4	2
"	Eleventh . . .	....	....	....	134	175	309	16	2	.....	3	17
"	Tenth . . .	....	....	....	180	261	441	15	5	.....	417	43
	Total . . .	13	30	....	465	695	1,160	....	.....	.....	424	64
	Total high school .	19	39	....	693	970	1,663	....	.....	.....	585	89
Grammar	Ninth . . .	11	21	....	366	405	771	14	7	.....	20	38
"	Eighth . . .	....	20	....	431	434	865	13	9	.....	56	51
"	Seventh . . .	....	26	1	559	579	1,138	12	8	.....	123	114
"	Sixth . . .	....	28	2	623	588	1,211	11	10	.....	203	152
"	Fifth . . .	....	28	....	671	629	1,300	10	9	.....	225	157
"	Fourth . . .	....	30	1	691	616	1,307	9	8	.....	254	189
	Total grammar . . .	11	153	4	3,341	3,251	6,592	....	.....	.....	881	701
Primary	Third . . .	....	29	1	665	684	1,349	8	8	.....	192	186
"	Second . . .	....	30	2	726	704	1,430	7	4	.....	190	197
"	First . . .	....	34	4	833	739	1,572	6	2	1,258	132	204
	Total primary . . .	....	93	7	2,224	2,127	4,351	....	.....	1,258	514	587
	Total grammar and primary .	11	246	11	5,565	5,378	10,943	....	.....	1,258	1,395	1,288
	Kindergarten .	....	4	4	98	98	196	4	6	.....	.....	.....
	Special teachers . . .	4	6	....	.....	.....	.....	.....	.....	.....	.....	.....
	Cadets . . .	....	1	....	.....	.....	.....	.....	.....	.....	.....	.....
	Grand totals	34	296	15	6,356	6,446	12,802	....	.....	1,258	1,980	1,377

TABLE 11.—PUPILS IN HIGH AND GRAMMAR SCHOOLS.

	High Schools.	Grammar and Primary Schools.	Kinder- gartens.	Total.
Annual enrollment . . .	1,656	13,051	398	15,105
Average membership . . .	1,563	10,410	186	12,159
Average attendance . . .	1,489	9,809	160	11,458
Per cent. of attendance . . .	95.3	94.2	86.0	94.2
Number cases of tardiness . .	709	3,173	...	3,882
Number cases of dismissal . .	638	2,133	...	2,771
Number cases of punishment . .	...	318	...	318
Membership, January, 1908 . .	1,565	10,600	193	12,358
Membership, December, 1908 . .	1,663	10,943	196	12,802

TABLE 12.—NUMBER OF PUPILS ADMITTED TO GRADE I  
IN SEPTEMBER.

SCHOOL.	1904.	1905.	1906.	1907.	1908.	SCHOOL.	1904.	1905.	1906.	1907.	1908.
Prescott . .	63	78	72	61	33	Forster . .	76	48	74	77	73
Hanscom . .	38	47	33	39	75	Bingham . .	78	80	83	70	84
Davis . . .	42	42	22	39	35	Carr . . .	59	59	40	64	65
Bennett . .	92	81	125	94	99	Morse . . .	67	56	64	53	57
Baxter . . .	38	53	42	59	46	Proctor . .	.....	49	61	48	55
Knapp . . .	50	43	40	35	39	Durell . . .	38	45	39	43	38
Perry . . .	50	58	42	51	42	Burns . . .	58	50	53	48	45
Pope . . .	40	33	28	28	30	Brown . . .	26	42	52	57	73
Bell . . .	38	36	38	35	38	Highland . .	.....	.....	.....	.....	.....
Cummings .	37	43	46	40	34	Hodgkins . .	51	43	55	43	54
Edgerly . .	40	34	38	39	33	Lincoln . .	38	40	51	52	57
Glimes . . .	48	70	63	63	60	Lowe . . .	89	89	75	72	93

TABLE 13.—GRAMMAR SCHOOL GRADUATES, 1908.

SCHOOLS.	Number receiving Diplomas.	Number certificated for High School.		Number entering Latin School.		Number entering English School		Total.	
		Conditionally.	Unconditionally.	Conditionally.	Unconditionally.	Conditionally.	Unconditionally.	Conditionally.	Unconditionally.
Prescott . . . .	44	6	38	1	12	2	17	3	29
Knapp . . . .	66	3	63	0	8	2	36	2	44
Pope . . . .	64	12	43	1	10	8	18	9	28
Bell . . . .	51	0	51	0	13	1	32	1	45
Edgerly . . . .	50	11	36	1	9	3	25	4	34
Glines . . . .	42	8	29	2	3	2	19	4	22
Forster . . . .	71	9	61	1	21	7	29	8	50
Bingham . . . .	36	9	24	0	2	5	13	5	15
Carr . . . .	58	2	51	0	9	2	35	2	44
Morse . . . .	71	21	41	2	3	11	32	13	35
Brown . . . .	40	6	34	0	6	5	20	5	26
Highland . . . .	8	7	77	2	27	2	45	4	72
Hodgkins . . . .	61	11	47	1	5	6	35	7	40
Total . . . .	742	105	595	11	128	56	356	67	484

TABLE 14.—TRUANT STATISTICS.

	1902.	1903.	1904.	1905.	1906.	1907.	1908.
Number visits of officer to schools . . . .	435	525	429	567	511	474	401
Absences investigated . . . .	384	521	387	514	502	499	655
Cases of truancy . . . .	163	152	146	150	151	94	155
Truants arrested . . . .	..	24	8	7	11	14	11
Sent to truant school . . . .	6	9	5	4	6	9	6
Number now in truant school . . . .	9	5	5	8	10	18	15



TABLE 15.—ATTENDANCE IN ELEMENTARY EVENING SCHOOLS, SEASON OF 1907-1908.

		Prescott.	Bell.	Highland.	Total.
Enrolled . . . . .	Male	52	597	122	771
	Female	29	93	25	147
	Total	81	690	147	918
Ave. membership . . . .	Male	44	263	72	379
	Female	24	48	15	87
	Total	68	311	87	466
Ave. attendance . . . . .	Male	37	200	57	294
	Female	23	34	12	69
	Total	60	234	69	363
Per cent. Att. out of No. belonging . . . . .	. .	88.2	75.2	79.3	77.9
Per cent. Att. out of No. enrolled . . . . .	. .	74.0	33.9	59.2	38.4
Ave. No. of teachers . . .	Male	2	5	1	8
	Female	2	17	4	23
	Total	4	22	5	31
No. of sessions . . . . .	. .	75	75	75	225
Teachers, cost of . . . . .	. .	\$619 50	\$2,973 00	\$677 00	\$4,269 50
Janitors, supplies, and light, cost of . . . . .	. .	163 50	615 98	199 27	978 75
	Total	\$ 783 00	\$3,588 98	\$876 27	\$5,248 25
Cost per pupil per evening . . . . .	. .	\$0 174	\$0 204	\$0 170	\$0 193
Cost per evening . . . . .	. .	10 44	47 85	11 68	69 98
Cost per pupil in ave. membership . . . . .	. .	11 51	11 54	10 07	11 26
Cost per pupil in ave. attendance . . . . .	. .	13 05	15 34	12 70	14 46

**TABLE 15 (Concluded).—Evening High School, Season of 1907-1908.**

	Male.	Female.	Total.
Enrolled .....	354	260	614
Average membership.....	223	180	403
Average attendance.....	158	137	295
Number of teachers.....	9	10	19
Number of sessions.....		56	
Cost of instruction.....		\$3,407.00	
Cost of supplies, janitor service, light.....		602.05	
Total cost.....		\$4,009.05	
Cost per pupil per evening.....		0.243	
Average attendance: October, 392; November, 367; December, 268; January, 229; February, 221.			

**Statistics of Evening Schools for a Series of Years.**

		No. Sessions.	Enrollment.	Average Attendance.	Cost.	Cost Per Pupil Per Evening.
High*	1900-1901 . .	48	192	79	\$1,433	\$0 378
	1901-1902 . .	46	211	99	1,424	0 316
	1902-1903 . .	47	178	78	1,331	0 379
	1903-1904 . .	48	191	74	1,378	0 388
	1904-1905 . .	74	762	224	6,699	0 404
	1905-1906 . .	93	605	154	5,548	0 387
	1906-1907 . .	77	631	177	4,802	0 352
	1907-1908 . .	56	614	295	4,009	0 243
Elementary	1900-1901 . .	74†	612	220	\$3,809	\$0 232
	1901-1902 . .	75	700	260	5,452	0 279
	1902-1903 . .	86	741	264	5,857	0 257
	1903-1904 . .	92	859	333	7,286	0 237
	1904-1905 . .	75	747	329	6,088	0 247
	1905-1906 . .	84	698	324	6,303	0 233
	1906-1907 . .	76	917	328	5,313	0 213
	1907-1908 . .	75	918	363	5,248	0 193

\*Drawing school only until 1904-1905.

†Average of four schools.

TABLE 16.—GRAMMAR SCHOOL GRADUATES

FOR A SERIES OF YEARS.

YEAR.	Prescott.	Bell.	Forster.	Morse.	Highland.	Edgerly.	Pope.	Knapp.	Hodgkins.	Glines.	Carr.	Bingham.	Brown.	Total.	Average Membership of Grammar and Primary Schools.	Per cent. of Average Membership Graduating.	Entered High School.	Per cent. entering of those Graduating.
1800	54	106	45	56	57	39	36	39	45	27	38	31		318	6,062	5.24	184	57.86
1801	44	73	41	55	44	49	36	38	41	35				296	6,085	4.90	199	67.23
1802	41	36	75	49	45	46	36	38	39	37				370	6,525	5.67	228	61.62
1803	40	60	48	63	67	46	36	32	42	36				398	6,674	5.97	240	60.30
1804	39	29	79	66	68	41	35	32	41	40				389	6,600	5.89	253	65.04
1805	36	32	58	63	73	42	36	34	35	37				374	6,955	5.37	255	68.18
1806	38	34	72	38	70	46	37	35	45	35				370	7,201	5.13	281	76.00
1807	34	39	50	48	41	29	30	25	39	37				368	7,602	4.84	273	74.19
1808	36	43	31	46	36	50	36	28	41	35				382	8,029	4.75	281	73.56
1809	37	50	62	48	49	40	34	34	39	37				468	8,351	5.60	345	73.72
1899	36	45	43	31	43	47	44	34	42	36				434	8,689	4.99	317	73.00
1900	36	45	43	43	47	47	43	38	41	35				497	8,811	5.64	372	74.80
1901	34	38	70	43	72	46	35	38	32	40				497	9,328	5.33	350	70.40
1902	41	48	61	45	67	51	28	34	52	31				484	9,739	5.17	354	73.14
1903	34	45	62	35	65	44	36	38	40	36				512	10,298	5.26	367	71.68
1904	31	35	84	46	79	47	42	48	61	36				606	10,209	5.88	463	76.40
1905	40	40	74	44	85	49	44	64	58	40				640	10,440	6.22	474	74.10
1906	35	54	67	44	109	50	44	56	59	62				725	10,410	6.94	561	77.40
1907	37	62	71	44	126	50	36	66	61	42				742		7.13	551	74.26
1908	44	51		71	88		64											
	731	920	1,160	935	1,284	844	652	674	571	457	467	135	40	8,870	157,320	5.64	6,348	71.57

TABLE 17.—ATTENDANCE STATISTICS  
FOR A SERIES OF YEARS.

DECEMBER.	ENROLLMENT.	Average Membership.	Average Attendance.	Per cent. of Attendance.	Number of Tardinesses.	Ratio of Tardiness to Average Attendance.
1886	6,350	4,985	4,678	93.8	2,834	0.606
1887	6,605	5,198	4,879	93.8	2,699	0.553
1888	7,262	5,488	5,174	94.0	2,938	0.549
1889	7,757	5,956	5,585	93.8	2,780	0.498
1890	7,878	6,485	6,075	93.6	3,133	0.516
1891	8,510	6,502	6,091	93.7	3,182	0.522
1892	9,120	7,035	6,608	93.9	3,181	0.481
1893	9,632	7,217	6,790	94.1	3,375	0.497
1894	9,387	7,212	6,840	94.8	3,000	0.419
1895	9,913	7,617	7,255	95.2	2,736	0.377
1896	10,582	8,077	7,663	94.9	2,743	0.358
1897	11,293	8,589	8,144	94.8	2,486	0.305
1898	11,577	9,085	8,636	95.1	2,941	0.341
1899	11,975	9,502	8,965	94.3	2,566	0.286
1900	12,345	9,823	9,174	93.4	2,759	0.300
1901	12,499	9,991	9,350	93.6	2,937	0.294
1902	13,116	10,402	9,733	93.5	3,335	0.343
1903	13,475	10,719	10,056	93.9	3,428	0.342
1904	13,804	11,094	10,422	93.9	3,887	0.373
1905	14,296	11,543	10,897	94.4	3,746	0.344
1906	14,551	11,762	11,069	94.1	4,046	0.366
1907	14,802	11,909	11,166	93.8	4,170	0.373
1908	15,105	12,159	11,458	94.2	3,882	0.344



TABLE 18.—MEMBERSHIP, ETC., OF HIGH SCHOOL  
FOR A SERIES OF YEARS.

YEAR.	Average Membership all Schools.	Largest Number in High School.	Per cent. of Average Membership of all Schools.	Number of Graduates of High School.	Per cent. of Average Membership of all Schools.
1867	2,157	119	5.51	7	0.32
1868	2,285	141	6.17	17	0.75
1869	2,480	158	6.37	25	1.01
1870	2,639	165	6.25	16	0.65
1871	2,549	161	6.31	33	1.29
1872	2,799	186	6.64	21	0.75
1873	3,217	190	5.91	28	0.87
1874	3,265	198	6.06	26	0.79
1875	3,515	213	6.06	31	0.88
1876	3,712	226	6.09	33	0.81
1877	3,788	227	5.91	37	0.98
1878	3,992	250	6.26	31	0.78
1879	4,169	246	5.90	34	0.82
1880	4,278	254	5.93	27	0.63
1881	4,064	256	6.29	34	0.84
1882	4,263	280	6.57	33	0.77
1883	4,438	278	6.26	43	0.97
1884	4,804	315	6.55	46	0.96
1885	4,904	385	7.85	46	0.94
1886	4,985	374	6.70	56	1.12
1887	5,198	387	7.44	53	1.02
1888	5,488	435	7.92	60	1.09
1889	5,956	444	7.45	67	1.12
1890	6,485	487	7.51	60	0.93
1891	6,502	535	8.23	68	1.05
1892	7,035	577	8.20	80	1.14
1893	7,217	626	8.67	82	1.14
1894	7,274	691	9.50	111	1.52
1895	7,617	775	10.17	92	1.21
1896	8,077	858	10.62	119	1.47
1897	8,589	885	10.31	121	1.59
1898	9,085	890	9.80	130	1.43
1899	9,502	985	10.70	137	1.49
1900	9,823	1,031	10.49	131	1.33
1901	9,991	1,098	10.99	152	1.52
1902	10,402	1,138	10.94	164	1.58
1903	10,719	1,208	11.27	181	1.70
1904	11,094	1,286	11.60	179	1.61
1905	11,543	1,372	11.89	211	1.83
1906	11,762	1,473	12.52	208	1.77
1907	11,909	1,614	13.55	223	1.87
1908	12,159	1,707	14.04	235	1.93

TABLE 19.—PROMOTIONS FOR SCHOOL YEAR ENDING JUNE 30, 1908.

GRADE.	On June Promotion List.	Unconditionally Promoted to Next Grade.	Promoted on Trial.	Left Behind.	Promoted more than One Grade.	Special Promotions between September and June.	Promotees Dropped back after Three Months' Trial.
I	1,461	1,134	97	215	15	13	...
II	1,324	1,061	126	150	5	3	10
III	1,349	1,059	147	143	...	4	26
IV	1,296	1,011	161	123	1	6	13
V	1,195	945	153	90	7	10	10
VI	1,145	879	156	108	2	11	11
VII	975	692	151	104	28	2	6
VIII	799	594	121	83	1	18	10
IX	748	595	105	42	6	2	10
Total	10,310	7,970	1,217	1,058	65	69	96

Percentage of Promotions for School Year Ending June 30, 1908.

GRADE.	On June Promotion List.	Unconditionally Promoted to Next Grade.	Promoted on Trial.	Left Behind.	Promoted more than One Grade.	Special Promotions between September and June.	Promotees Dropped Back after Three Months' Trial.
I	100	77.6	6.6	14.7	1.1	0.9	...
II	100	79.0	9.4	11.2	0.4	0.2	7.9
III	100	78.5	10.8	10.5	...	0.2	17.7
IV	100	78.0	12.4	9.5	...	0.4	8.0
V	100	79.1	12.8	7.5	0.6	0.8	6.5
VI	100	76.7	13.6	9.5	0.2	0.9	7.0
VII	100	71.0	15.5	10.7	0.8	0.2	4.0
VIII	100	74.3	15.2	10.4	0.1	2.3	8.3
IX	100	79.6	14.0	5.6	0.8	0.3	9.5
Average	100	77.3	11.8	10.3	0.6	0.7	7.9

TABLE 20.—RESIGNATION OF TEACHERS, 1908.

SCHOOL.	Teacher.	Resignation Took Effect.	In Service.
Latin High .	Maud M. Cunningham	June 30	3 years
Latin High .	Isabel G. Higgins	" "	7 "
Prescott . .	Anna M. Bates	Dec. 1	34 "
Hanscom . .	Linnie M. Moulton	June 30	5 months
Baxter . . .	Elsie G. Ashton	April	5 years 7 mos.
Baxter . . .	Elizabeth M. Carr	June	7 "
Perry . . .	Helen M. Cogan	April	5 " 7 "
Bell . . . .	Nellie S. Dickey	June 30	19 " 3 "
Bell . . . .	Evelyn Eldredge	November	2 months
Bell . . . .	Helen L. McGann	April	2 years 7 mos.
Forster . . .	Mary E. Bunton	October	4 " 4 "
Forster . . .	Minnie A. Day	January 24	2 " 4 "
Forster . . .	Jessie M. Lockwood	June 30	8 "
Carr . . . .	Gladys A. Budgell	" "	1 "
Carr . . . .	Gertrude Friend	" "	5 " 2 "
Morse . . . .	Minnie E. Haas	" "	3 " 5 "
Morse . . . .	Mildred M. Moses	" "	2 "
Durell . . .	Ethel Worcester	" "	3 "
Highland . .	Josephine Marston	October	1 " 1 "
Hodgkins . .	Marion I. Noyes	June 30	1 " 6 "
Supt.'s Clerk	Cora Fitch Bradford	Nov. 1	7 years

TABLE 21.—TEACHERS ELECTED IN 1908.

SCHOOL.	Teacher.	Coming From	Began Service.	Salary.
Latin High . .	Mabel E. Bowker	Arlington	Sept. 9	\$900
Latin High . .	Mary Cliff	Milton	"	900
Latin High . .	Grace E. W. Sprague	Hingham	"	900
English High .	Archibald S. Bennett	.....	"	1,400
English High .	Elizabeth H. Hunt	Malden	"	900
Prescott . . .	Rebekah Bruorton	Beverly	"	700
Hanscom . . .	Mary B. Nelson	.....	"	700
Baxter . . . .	Etta R. Holden	Fitchburg	"	700
Knapp . . . .	Mary J. Malaney	Everett	Jan. 4, '09	700
Bell . . . . .	Evelyn Eldredge	Belmont	Sept. 9	700
Bell . . . . .	Helen C. Gray	Somerville	"	700
Glines . . . .	Leslie Caverly	Chelsea	"	600
Forster . . . .	Mary M. Badger	Winchester	"	700
Forster . . . .	Emma M. Damon	Winchester	"	700
Forster . . . .	Philena A. Parker	Arlington H'ts	Feb., '08	650
Forster . . . .	Mabel F. Powell	Somerville	Nov. 16	650
Carr . . . . .	Leila L. Rand	Somerville	Sept. 9	700
Morse . . . . .	Annie L. Ball	Somerville	"	700
Highland . . .	Nellie G. Stewart	Dracut	Mar. 2	700
Highland . . .	Katie D. Greenleaf	Natick	Nov. 9	650
Highland . . .	Elsie M. Ross	Natick	Dec. 21	650
Sewing Teacher	Sara I. Gale	.....	Sept. 9	500

ASSISTANTS IN SERVICE DECEMBER, 1908.

Hanscom . . .	Agness M. Travis
Burns . . . .	Mary C. Buck
Proctor . . .	} Annie Sanburn
Lowe . . . . .	
Baxter . . . .	Nona Blackwell
Baxter . . . .	Lynda V. Merrill
Perry . . . . .	Alice L. Reid
Perry . . . . .	Lillian M. Huntington
Carr . . . . .	Pearl F. Dame
Morse . . . . .	Emma M. McKinley
Hodgkins . . .	Ellen A. Baker
Lincoln . . . .	Hortense F. Small

## CADETS.

Frances E. Welch.



**TABLE 22.—LEAVE OF ABSENCE OF TEACHERS.**

September 9, Caroline A. Marsh, for school year ending June 30, 1909.

September 9, E. Mina Smith, for school year ending June 30, 1909.

September 9, Miriam Thayer, for school year ending June 30, 1909.

**TABLE 23.—TRANSFER OF TEACHERS.**

TEACHERS.	From	To
Mattie L. Littlefield . . . . .	Prescott	Hanscom
Jennie M. Twiss . . . . .	Prescott	Hanscom
Minnie A. Holden . . . . .	Baxter	Knapp
Jennie P. Chapman . . . . .	Burns	Brown
Edith G. Watts . . . . .	Highland	Brown
Phebe E. Mathews . . . . .	Highland	Brown

**TABLE 24.—NUMBER OF TEACHERS**

FOR A SERIES OF YEARS.

YEAR.	High School.	Gram mar School.	Primary School.	Special Teachers.	Assistants not in Charge of Room.	Men.	Women.	Total.
1886	9	62	48	1	0	9	111	120
1887	10	64	48	1	0	9	114	123
1888	10	66	52	4	7	9	130	139
1889	10	60	56	4	7	10	127	137
1890	10	78	58	5	7	12	146	158
1891	12	86	63	5	13	12	167	179
1892	13	90	67	5	10	12	173	185
1893	14	88	63	5	19	12	177	189
1894	15	91	66	6	11	12	177	189
1895	28	91	73	5	12	19	186	209
1896	30	102	74	6	14	22	208	230
1897	31	109	85*	6	18	22	227	249
1898	32	112	87*	7	13	23	229	252
1899	36	119	92*	7	9	23	240	263
1900	40	127	96*	7	6	24	249	273
1901	44†	130	94*	7	8	26	257	283
1902	45†	140	91*	7	9	26	266	292
1903	46†	143	96*	7	14	25	281	306
190 4	48‡	152	98*	7	9	27	285	312
190 5	48‡	153	100*	7	7	27	288	315
1906	54‡	157	99*	7	9	29	297	326
19 07	57‡	160	97*	9	14	32	305	337
1908	58‡	164	97*	10	16	34	311	345

\*Including four kindergartners.

†Including two secretaries.

‡Including one secretary.



F. A. P. Fiske, presented diplomas to the 235 members of the graduating classes.

### Order of Exercises.

Frederick A. P. Fiske, Chairman of the School Board, presiding.  
Overture.

"Mignon."

A. Thomas

Boston Festival Orchestra.

1. \*Singing.

Bass Solo and Chorus: "Crowned with the Tempest,"  
from "Ernani."

Verdi

Ray L. Newton, Mark E. Allen, Herbert V. Field, L. H. S.  
Harold E. Kebbon, Ralph H. Riddell, Jason Briggs, E. H. S.

2. Prayer.

Rev. William R. Newhall, D. D.

3. †Singing.

Soprano Solo and Chorus: "The Vision."

Faure

(With Violin and Organ Obligato.)

Soprani: Helen W. Phelps, Cora E. Hicks, Hazel M. Etter, L. H. S.

Marion E. Drake, Lena M. Myott, Margaret M. Fiendel, E. H. S.

Violinist, Rupen Eksbergian, E. H. S., '08.

Organist, Harry Cutting.

4. Address to Graduates.

"The Debt of the Scholar."

Robert Luce, of Somerville.

5. Singing.

Cantata: "Paul Revere's Ride."

Busch

Alto Soloists: Carolyn T. Weekes, Marion G. Swain, Marion

F. Ritchie, L. H. S. Pearl E. Whitehouse, Marian R.

Henry, E. Pearl Macdonald, Elsa M. Risdon, E. H. S.

6. Presentation of Diplomas.

Frederick A. P. Fiske, Chairman of School Board.

7. Singing.

Trio: Waltz Song from "Faust" (Girls' Voices).

Gounod

\*All singing accompanied by the orchestra, under the direction of S. Henry Hadley, teacher of music in the schools.

†Arranged for orchestra by S. Henry Hadley.

### Latin High School Graduates.

Marion Louise Aldrich.

Eva May Bancroft.

Katharine Lord Bradbury.

Elsie Winifred Brown.

Constance Virginia Carpenter.

Alice Louise Carr.

Paula Lang Clough.

Mary Catharine Couch.

Hazel Pauline Dow.

Ella Duncan.

Hazel Martin Etter.

Frances Marion Fay.

Helen Agnes Fielding.

Marion Fenwick Foster.

Julia Freedman.

Muriel Brown Galloupe.

Cecile Eugenie Giroux.

Alice Marion Hale.

Ruth Hammond.

Harriet Charlotte Hayden.

Cora Estelle Hicks.

Marion Frances Hincks.

Helen Burroughs Johnson.

Helen Morss Keeler.

Grace Eliza King.

Lucie Aldrich Kramer.

Marion Gertrude Libby.

Grace Marian Lovering.

Isabel Mary McDonald.

Rosetta Walker McFarland.

Edna Louise Moore.

Edna Davis Nickerson.

Fannie Marr O'Brien.  
 Elsie Bews Olive.  
 Alice Lisette Parker.  
 Helen Whiting Phelps.  
 Susie Harvey Pilsbury.  
 Marion Frances Ritchie.  
 Mary Ella Seaver.  
 Mary Josephine Sharkey.  
 Marion Lockwood Smith.  
 Mary Cecilia Smith.  
 Ruth Mildred Smith.  
 Helen Isabelle Stearns.  
 Bertha Gage Stone.  
 Sara Inez Stone.  
 Lillian Elinor Sturtevant.  
 Helen Evelyn Swain.  
 Marion Gilman Swain.  
 Ruth Elizabeth Tucker.  
 Elaine White Ward.  
 Lavinia Lilly Ware.  
 Helen Louise Watson.  
 Carolyn Tripp Weekes.  
 Harriet Clement Whitaker.  
 Jean Witherell.  
 Edna Currier Woodbury.  
 Madeline Gladys Woodley.

Mark Edward Allen.  
 Harry Albert Baird.  
 Albert James Berry.  
 William Cameron Blackett.

Benjamin Jarvis Butler.  
 Harold Cohen.  
 Jacob Cohen.  
 Edward Francis Commins.  
 Frank Dresser.  
 Harold Lowell Etheridge.  
 Herbert Vaughan Field.  
 William Benard Giles.  
 Louis Alexander Giroux.  
 Myron Lincoln Harlow.  
 Arthur Daniel Francis Healy.  
 Percy Anderson Hogan.  
 Allen Gunnison Hooper.  
 Walter Emerson Kehew.  
 Patrick Lawrence Lynch.  
 Stephen Henry Mahoney.  
 William Shipman Maulsby.  
 Albert Forbes McLean.  
 Frank Wood Merrill.  
 Ray Lester Newton.  
 Arthur William Noble.  
 Edward Jeffrey Norris.  
 William Edward Patrick.  
 Charles Cornish Pearson.  
 Harry Irving Quennell.  
 Nathaniel Pierpont Rice.  
 Herbert Grenville Ripley.  
 William John Sharry.  
 Frederick Edward Skilton.  
 Ordway Tead.  
 Stanley Mayhew Wilton.

### English High School Graduates.

Louise Gertrude Austin.  
 Edith Barrows Babcock.  
 Mary Charlotte Bartlett.  
 Ruth Leona Bennett.  
 Jessie McArthur Blyth.  
 Marion Louise Boardman.  
 Ella Caroline Bolton.  
 Margaret May Jane Boyle.  
 Katharine Elizabeth Brine.  
 Genevieve Marie Bryan.  
 Ruth Witherell Bunten.  
 Alice Ermina Burns.  
 Mary Gertrude Carney.  
 Mabel Alice Chapman.  
 Ella Angeletta Clarke.  
 Bessie Stanley Cobb.  
 Marian Darrah Colburn.  
 Anna Gertrude Coleman.  
 Anna Josephine Conway.  
 Olive Priscilla Cosgrove.  
 Sarah Stanislaus Coyne.  
 Elsie Mildred Crispin.  
 Ethel Frances Curran.  
 Gertrude Evelyn Cushing.  
 May Ellen Danolds.

Marion Etta Drake.  
 Annie Evenson.  
 Margaret Martha Feindel.  
 Sybil Florence Fernandez.  
 Mabel Eleanor Fish.  
 Marguerite Angeline Gage.  
 Nina Florence Gilley.  
 Beatrice Glidden.  
 Maude Elizabeth Greenough.  
 Mildred Rich Hager.  
 May Rosamond Halnan.  
 Teresa Leona Harrington.  
 Marian Rachel Henry.  
 Florinda Carolyn Hodgdon.  
 Eva Mae Hodson.  
 Mabel Russell Ingham.  
 Mabelle Annis Jefferson.  
 Sophie Anna Johnson.  
 Mildred Eletta Jones.  
 Ella Frances Keefe.  
 Cordelia Frances Keith.  
 Gertrude Agnes Kelley.  
 Merle Alberta Kibbe.  
 Ethel Dunning Kilgour.  
 Bertha Elizabeth Kitchen.



Daisy Evelyn Lay.	Guy Edward Brown.
Marion Loring.	Arthur Campbell.
Marjorie Loring.	Ralph Irving Carlton.
Mildred Frances Lovejoy.	Harry Wesley Carter.
Gladys May Lowell.	Harry Cohen.
Lillian Emerson Luce.	Robert Owens Chesley.
Edna Pearl Macdonald.	Harland Hennigar Collins.
Amy Lucena Manning.	Weston Ernest Craig.
Ruth Merriam Manwaring.	Fred Raymond Earle.
Ethel Clara Markel.	Rupen Eksergian.
Eva Whitman Marshall.	William Henry Ennis, Jr.
Ethel Lucile Martz.	Harris Fritz.
Nellie May McClearn.	Harold Benjamin Frost.
Julia Tracy McGarr.	William Roy Glidden.
Genevieve Viviana McHugh.	Malcolm Gray.
Gertrude Irene McKenna.	Frank Ellsworth Hadley.
May Teresa McMullen.	Edward Laurence Hagan.
Eleanor Mae McQuinn.	Walter Lawrence Hart.
Ethel Marguerite Mooney.	Francis Whittier Johnson.
Lillian Vesta Mugford.	Harold Eric Kebbon.
Alice Louise Mulholland.	William Henry Knight.
Martha Gladys Musgrove.	Archibald Walwyn Laurie.
Lena May Myott.	Wilbur Fletcher Lewis.
Elinor Neilon.	William Francis Lewis.
Elizabeth Rogers Oliver.	George Adolph Lloyd.
Madeline Frances Palmer.	Alfred Bernard Mahoney.
Hester Philbrick.	Francis Joseph McCarthy.
Elizabeth Sabrina Rich.	Norman Jesse Merrill.
Elsa Marion Risdon.	Philip Sheridan McGann.
Alice Maud Savage.	Hubert Quincy Mills.
Ethel Claire Scott.	Walter Prescott Nichols.
Mary Elizabeth Seery.	Louis Olin.
Elizabeth Agnes Shanley.	Herbert Lee Perry.
Lucy Hodges Snow.	Howard Mott Preston.
Mabel Gertrude Stackpole.	Ralph Huber Riddell.
Gertrude Dorothy Stapleton.	John William Scriven, Jr.
Mabel Lillian Teele.	Edward John Segrue.
Mabel Sarah Wells.	John Francis Shea.
Pearl Elizabeth Whitehouse.	Guy Almont Shedd.
Frank Alonzo Adams.	Robert Cushman Smith.
Eugene Adcock.	Walter Joseph Smith.
Oliver Grover Appley.	John Arthur Sullivan.
Arthur Chase Armitage.	Joseph Ingraham Taylor.
Chester Franklin Baker.	Ernest William Walker.
Edward Adams Brewer.	Leonard William Wiley.
	Harold Dorr Wiswall.

### TABLE 27.—GRAMMAR SCHOOL GRADUATES.

The lack of a hall large enough to accommodate all the grammar school graduates and their friends compelled us to devote two evenings to the graduation exercises. Accordingly, Tuesday evening, June 23, and Wednesday evening, June 24, were set apart for the purpose.

The following was the order of exercises on Tuesday evening:—

**Order of Exercises.**

Henry H. Folsom, Vice-Chairman of School Board, presiding.

Overture.

"Raymond."

A. Thomas

Boston Festival Orchestra.

1. Prayer.

Rev. W. Lathrop Meaker.

2. \*†Singing.

"A Balloon Ride" (Vocal Galop).

Veazie

3. Address.

"Roosevelt's Rules."

Rev. O. P. Gifford, D. D., of Brookline.

4. Singing.

Tenor Solo and Chorus: "The Battle of Dawn," from  
"Martha."

Flotow

5. Presentation of Diplomas to Graduates of the Prescott,  
Knapp, Pope, and Bell Schools.

6. Singing.

A Patriotic Ballad: "Barbara Frietchie."

Jules Jordan

7. Presentation of Diplomas to Graduates of the Highland and  
Hodgkins Schools.

8. †Singing.

Chorus: "Comrades, Awake!" (Waltz Song).

Storch

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\* All singing accompanied by the orchestra under the direction of S. Henry Hadley, teacher of music in the schools.

†Orchestration by S. Henry Hadley.

**Names of Graduates.****PRESCOTT SCHOOL.**

Fred A. Berry.  
Mary E. Bradley.  
Kathleen G. Calnan.  
Erma F. Chamberlin.  
Dorothy A. Chapin.  
Howard L. Chisholm.  
Edward W. Crowley.  
Golder M. Dix.  
Charles H. Drew.  
Fred H. Earley.  
Helen G. Fall.  
Walter D. Flynn.  
Clara M. Fullerton.  
Fred O. Garrison.  
Harry H. Gillies.  
Edna E. Grant.  
Gladys Haynes.  
Everett C. Hunt.  
Harold Lewis.  
Harold A. Lord.  
Ruth E. Lovering.  
Charlotte M. Lutz.

Herbert C. McLean.  
Edythe L. Miller.  
Gertrude Morrison.  
Lilla M. Mullett.  
Madalene Nickerson.  
Paul E. Perkins.  
Ethel P. Peterson.  
Ethel R. Peterson.  
Madeline M. Pettes.  
Howard C. Rand.  
Margaret A. Randall.  
Thomas R. Ray.  
Eugene F. Smith.  
Ella O. Spring.  
Howard D. Steele.  
Pearl L. Stephens.  
Lewis H. Thomann.  
Clifford P. Towne.  
Hazel C. Upton.  
Andrew W. Wentworth.  
Walter E. Whittaker.  
Rose A. Weisberg.

**KNAPP SCHOOL.**

Ernestine Arnold.  
 Margaret Beattie.  
 Anna M. Blouin.  
 James A. Branagan.  
 M. Pearl Brown.  
 Jennie Carlin.  
 Ernest C. Carr.  
 Francis X. Cavanagh.  
 Dorothy E. Chequer.  
 W. Burton Cole.  
 Lillian F. Commings.  
 C. May Conneilly.  
 Joseph F. Cunningham.  
 A. Emily Delay.  
 Louise F. Dewire.  
 Margaret E. Donahue.  
 Mary E. Fitzpatrick.  
 B. Veronica Foley.  
 Catherine F. M. Galvin.  
 William C. Gillogley.  
 Mabel F. Given.  
 Ethel F. Goodman.  
 Gordon Hall.  
 Isadore Hambro.  
 Ruth C. Harrington.  
 Frank W. Hart.  
 Noraetta Hart.  
 Gustaf F. Hokanson.  
 Willis W. Holt.  
 Mary A. Hurley.  
 Helen R. Hyde.  
 Robert T. Jameson.  
 Lloyd A. Jenkins.

David L. Johnson.  
 Helen P. Kearney.  
 Anna M. Kelley.  
 Harry E. Kenison.  
 Marguerite F. Kiley.  
 John E. Laverty.  
 James L. Leonard.  
 Louise P. Leslie.  
 Victor E. Lutz.  
 W. Edmund A. Lutz.  
 Emma E. Lyons.  
 William J. Lynch.  
 William H. McEachern.  
 Gertrude L. McInnis.  
 John J. Norton.  
 Gladys J. O'Mara.  
 Christine E. O'Riley.  
 Eliza F. Paz.  
 Charles A. Perrigo.  
 Ruth C. Quarnstrom.  
 Louise C. Riley.  
 Dora M. Rowe.  
 E. Marie Savage.  
 H. Irene Savage.  
 Beatrice L. Sheridan.  
 Hilda A. Silva.  
 Kathryn A. Smith.  
 William J. Stack.  
 John A. Stevenson.  
 Eugene F. Sweeney.  
 C. Raymond Syer.  
 William B. Thompson.  
 Charles W. Watson.

**POPE SCHOOL.**

Ellen F. Ahearn.  
 Helen R. Ashton.  
 Mabelle O. Baker.  
 Parker F. Barry.  
 James Francis Best.  
 Israel Blumsack.  
 John J. Blute.  
 William James Carney.  
 Gladys Estelle Carr.  
 Julia Agnes Carr.  
 Maurice G. Carter.  
 Leo M. Corbett.  
 Josephine M. Crowley.  
 Anna May Cullen.  
 John F. Cullen.  
 Carleton Ashley DeLancey.  
 Elizabeth A. Dromgoole.  
 Philip A. Dutra.  
 Leam E. Farrington.  
 Lester Fay Farrington.  
 Ethel Louise Fish.  
 Marion Gertrude Fish.  
 Helen G. Flahive.

Arthur P. Goodman.  
 Harriet Hatch Goodwin.  
 Alexander George Gray.  
 Edward James Harney.  
 Joseph A. Hopkins.  
 Lawrence T. Hopkins.  
 Caroline Elizabeth Hughes.  
 Nellie J. Hunter.  
 Edith M. Lovering.  
 Helen E. Lynch.  
 Isabel Gertrude Martin.  
 Ara Bell McLean.  
 Hazel Ruth McMillan.  
 Walter Edward McQuinn.  
 Bertha C. Mellett.  
 Willard A. Miller.  
 Ida Alice Milligan.  
 John J. Mitchell.  
 Mabel H. Morrison.  
 Catharine T. O'Callahan.  
 Ellen C. O'Neill.  
 Mabel F. Owens.  
 Arthur W. Phillips.

Michael J. Pigott.  
 Ellsworth H. Plumer.  
 Mary L. A. Quirk.  
 Ida Anna Rupprecht.  
 Martha Louise Rupprecht.  
 Silva M. Scigliano.  
 Elizabeth G. Shalley.  
 Grace Gertrude Sliney.  
 Patrick Francis Sweeney.

George W. Thompson.  
 Mary J. Tiernan.  
 Agnes May Tripp.  
 Grace W. Tyter.  
 John Francis Walsh.  
 Gladys Marion Waters.  
 Frederick K. White.  
 Nora Agnes Wilkinson.  
 Max Yavner.

#### BELL SCHOOL.

Roy M. Atwater.  
 Ellen H. Bennett.  
 Emily R. Bond.  
 M. Ellen Carroll.  
 Helen G. Clarke.  
 Alexander J. Cumming.  
 Isabella M. Cumming.  
 Burton M. Dearborn.  
 Beatrice Duncan.  
 Jesse A. Dutelle.  
 Florence W. Earle.  
 Gladys A. Erb.  
 Hazel I. Erb.  
 Myrtle M. Erb.  
 Alice L. Etheridge.  
 Ella E. Farrell.  
 Lula E. Fitzherbert.  
 Hazen C. Frazee.  
 Ruth A. Frazee.  
 Ruth I. Godfrey.  
 Mildred E. Graffam.  
 Helen E. Hamblett.  
 Lucy S. Hardy.  
 Grace M. Hawn.  
 Charles L. Hildred.  
 Ruth E. Hurley.

Myrtle M. Irwin.  
 Mildred P. Jones.  
 C. Lawrence Jordan.  
 Helen W. Lander.  
 Thornton A. Landers.  
 Charles L. McGann.  
 Stewart N. Miller.  
 Robert R. Nugent.  
 Gertrude E. Petrie.  
 June E. Pickering.  
 Leonard A. Rice.  
 Isamay T. Richardson.  
 Glendine M. Robinson.  
 Meyric R. Rogers.  
 Grace C. Safford.  
 Edna L. Savary.  
 Leonard C. Schaefer.  
 Perley E. Skinner.  
 Annie E. Sterling.  
 Edward M. Sullivan.  
 Ruth M. Walker.  
 Annie R. Walsh.  
 David E. Westhaver.  
 Edwin C. Wing.  
 Sollace M. Woodman.

#### HIGHLAND SCHOOL.

Gertrude V. Adler.  
 Ada J. Baker.  
 Edith B. Baker.  
 Harry E. Baker.  
 Chester S. Ball.  
 Grace B. Barry.  
 Hattie I. Benner.  
 Thelma C. Benner.  
 F. Esther Bent.  
 Willis F. Bird.  
 Eliza A. Blackall.  
 Marion L. Blake.  
 Annie E. Brady.  
 Helen M. Bush.  
 Kate L. Cabot.  
 Daniel C. Cameron.  
 Mae A. Clark.  
 Percy G. Cliff.  
 Dorothy Cragin.

Margaret Cragin.  
 Harold V. Currie.  
 Esther L. Danforth.  
 Nora T. Downey.  
 M. Clare Flynn.  
 Minerva C. Foster.  
 Joseph P. Gardner.  
 Norman S. Greenleaf.  
 Florence M. Griffith.  
 Lillian E. Gurnham.  
 Ethel F. Hackett.  
 Beatrice M. Hadley.  
 Eunice L. Hammett.  
 Joseph R. Harrison.  
 Clarence D. Hart.  
 Harold A. Henderson.  
 Marie A. Herlihy.  
 Harold K. Hobart.  
 Paul F. Hunnewell.



Frank H. Jenkins.  
 Christine A. Johnson.  
 Ernest C. Jones.  
 Harold M. Jones.  
 Clifton W. Kendall.  
 Mildred H. Lannon.  
 Miriam B. Libby.  
 Philip A. Macy.  
 Ralph B. Marden.  
 Bessie L. Mathers.  
 Margherita McKeough.  
 Angus P. McLeod.  
 Norman J. Mitchell.  
 William B. Moore.  
 Kenneth R. Morrill.  
 Francis O. Nelson.  
 Gordon W. Olson.  
 Wallace B. Olson.  
 Harold C. Palmer.  
 Claire E. Pearson.  
 Earle F. Pearson.  
 Harold F. Phillips.  
 Charlotte A. Pigott.  
 Everett R. Porter.  
 Roy J. Powell.

M. Lillian Ray.  
 Edward A. Reddon.  
 Harlie E. Rice.  
 Robert G. Richards.  
 Ralph V. Rieck.  
 E. Stuart Rogers.  
 Moses B. Rosenauer.  
 Annie L. Ross.  
 Eita F. Rowe.  
 Grace G. Rowe.  
 Raymond G. Sault.  
 James A. Shedd.  
 Thomas W. Sime.  
 Ruth E. Smith.  
 Clara M. Sprague.  
 Flora E. Stevens.  
 Howard A. Stockwell.  
 Lillian R. Whitcomb.  
 Lester A. Williams.  
 Stanley W. Wilson.  
 Earle K. Woodman.  
 Helen A. Woodman.  
 Ruth E. Workman.  
 Carolyn E. Young.  
 Lillian M. Young.

#### HODGKINS SCHOOL.

Maria C. Allen.  
 Florence R. Bateman.  
 Louise I. Bowen.  
 Ethel G. Bowlby.  
 Florence M. Boyden.  
 Perry A. Bridges.  
 Lorimer F. Brown.  
 Alice M. Byrnes.  
 Emma Campbell.  
 Oliver C. Churchhill.  
 Thomas C. Coleman.  
 Jessie R. Conner.  
 Walter M. Cook.  
 Margaret M. Copland.  
 Chauncey Cosgrove.  
 Freeman E. Covell.  
 Elva M. Cribby.  
 Julia H. Dusseault.  
 Flora L. Finlay.  
 Myra C. Flagg.  
 Harold L. George.  
 Helen M. Goddard.  
 Arthur B. Horton.  
 Alice D. Jones.  
 Laura V. Jones.  
 Katharene L. Kelley.  
 Gertrude M. Kenney.  
 Lindley A. Lamont.  
 Esther L. Laverty.  
 W. Addison Libby.  
 Winifred M. Lyons.

Ralph K. MacKay.  
 Herbert C. Merrill.  
 Norman W. Morison.  
 Katie A. Norwood.  
 Phyllis Noyes.  
 Timothy W. O'Donoghue.  
 Mabel M. Oliver.  
 Harold O. Phalen.  
 Willard I. Phinney.  
 Harold W. Proudfoot.  
 Arthur E. Quimby.  
 Josephine M. Reade.  
 Marjorie L. Record.  
 Anna H. Richardson.  
 Dorothy B. Savage.  
 Howard M. Shaffer.  
 Maude Shapleigh.  
 Walter E. Shaw.  
 Jessie M. Sinclair.  
 Lena B. Smith.  
 Sadie M. Swanson.  
 Gladys E. Teele.  
 Grace H. Townsend.  
 Emma R. Viano.  
 Dexter O. Vinal.  
 Henry R. Wallstrom.  
 Alma S. Westerberg.  
 Viola G. Whelpley.  
 Hilda White.  
 W. Elwyn Witherspoon.

The following was the order of exercises for Wednesday evening:—

### Order of Exercises.

F. A. P. Fiske, Chairman of School Board, presiding.

Overture.

"Raymond."

A. Thomas

Boston Festival Orchestra.

1. Prayer.

Rev. John R. Gow.

2. \*†Singing.

"A Balloon Ride" (Vocal Galop).

Veazie

3. Address.

"New England School Life Sixty-five Years Ago."

Rev. Edwin C. Bolles, of Somerville.

4. Singing.

Tenor Solo and Chorus: "The Battle of Dawn," from  
"Martha."

Flotow

5. Presentation of Diplomas to Graduates of the Edgerly, Glines,  
Forster, and Bingham Schools.

J. Walter Sanborn, of Ward Five.

6. Singing.

A Patriotic Ballad: "Barbara Frietchie."

Jules Jordan

7. Presentation of Diplomas to Graduates of the Carr, Morse,  
and Brown Schools.

8. †Singing.

Chorus: "Comrades, Awake!" (Waltz Song).

Storch

\*All singing accompanied by the orchestra under the direction of S. Henry Hadley, teacher of music in the schools.

†Orchestration by S. Henry Hadley.

### Names of Graduates.

#### EDGERLY SCHOOL.

Lena P. Ahern.  
Marion G. Augusta.  
Edward L. Barber.  
Blanche W. Brookes.  
Fannie B. Chandler.  
E. Marguerite Coker.  
Philip F. Coleman.  
Ernestine T. Conway.  
John T. Corkhill.  
James P. Cruise.  
Laura P. Davis.  
George T. Day.  
B. Mildred Dean.  
William J. Dempsey.  
Florence E. Driscoll.  
A. Harold Edwards.  
Florence F. Farr.  
Mildred H. Field.  
Eunice A. Francis.  
Eleanor Given.  
G. Harold Glines.  
Florence M. Harrington.  
Francis C. Hatchell.  
Fred W. Hillery.  
Sarah I. Horell.

Harold F. Kedian.  
Florence A. Lincoln.  
Ida W. Murphy.  
M. Della Nute.  
Gladys M. Parker.  
Edward O. Pickering.  
Edward E. Pineo.  
Laura O. Pinto.  
Arthur I. Richardson.  
Estelle E. Ross.  
Eleanor M. Skinner.  
Ethel M. Small.  
E. Marion Smith.  
J. Wallace Thomas.  
J. Voodry Thompson.  
N. Beatrice Towle.  
Lulu M. Vinal.  
Sidney A. Warsowe.  
Ralph W. Watson.  
Marguerite L. Welch.  
Guy E. Whipple.  
Anna M. Wilmarth.  
Elinor E. Wilmarth.  
Edmund J. Reynolds.  
Gladys E. Steele.

## GLINES SCHOOL.

Harry J. Adams.	Kathleen J. Judge.
Richard F. Alletzhausser.	Fred G. Keyworth.
Ethel Brothers.	Ivey J. Kyes.
Andrew M. Bryne.	R. Douglas Locke.
Annie N. Candage.	Gertrude R. Luce.
Emma V. Clark.	Raymond L. Macdonald.
Harry Cohen.	Arthur W. Marr.
William S. Davis.	Hattie E. May.
Emily Donnelly.	Carl H. Messenger.
Mabel A. Freeman.	Alice V. Morris.
Charles Furiga.	Vera M. Nason.
Mildred D. Garland.	Celia J. Nevelson.
Mary E. Gillmore.	Vincent Santarasci.
Marion A. Grant.	Edward L. Sinclair.
Everett C. Ham.	William A. Snow.
Edith M. Hatch.	Juliette F. Stacy.
M. Olive Hilton.	Mabel C. Stanley.
Edith S. Hodges.	James H. Taylor.
Evelyn R. Isbister.	Harold W. Thomas.
Robert K. Jenner, Jr.	Minnie R. Weinberg.
Anna E. Johnson.	William E. Whitehouse.

## FORSTER SCHOOL.

Thomas R. Aldrich.	Gladys G. Lay.
Lottie E. Armstrong.	Martha S. Lay.
Helen G. Ashman.	Etta F. Levy.
L. Marguerite Baldwin.	Estelle E. Mardon.
Charles A. Banks.	Mary E. McIntyre.
Dorothy M. Barker.	Sarah V. McMullen.
Grace E. Bentley.	Mildred S. Millett.
Robert C. Bourne.	William Mulholland.
Walter L. Brewster.	May F. Nangle.
Lydia E. Brown.	Martha Nash.
Elizabeth Burns.	John M. O'Connell, Jr.
Gertrude F. Butters.	William F. O'Connell.
Marion B. Butters.	E. Evelyn Owler.
Faustina R. Bye.	Ardelle L. Page.
C. Clinton Carpenter.	Arthur E. Page.
Alfred H. Chute.	Lezlie A. Patten.
Leon S. Cohen.	Lois B. Patterson.
Zelman Cohen.	Carl B. Pitman.
Helen M. Cook.	Florence A. Reardon.
Edward Cotter.	Jeannette W. Richardson.
John H. Crenner.	Reena Roberts.
William Amory Danner.	Lois M. Sanborn.
John J. Deming.	Gladys E. Stay.
Marion Doten.	Carrie R. Sternburg.
Ethel M. Googins.	Pearl Sternburg.
Alice H. Graves.	Mary E. Sullivan.
Marion Hall.	William W. Thayer.
Mary B. Hallett.	Charles H. Upton.
Henry E. Halpin.	Hazel E. Walker.
Pauline Hatch.	Elizabeth K. Weaver.
Ruth F. Hiatt.	Harold L. Webb.
Dudley F. Holden.	Helen H. Whitaker.
Frank W. Holmes.	Anton J. Winter.
Sherman P. Howard.	Roland M. Wright.
Edgar L. Kaula.	Walter R. York.
Lois C. La Bua.	

**BINGHAM SCHOOL.**

Catherine B. Allen.  
 Charles F. Black.  
 Santo Brigandi.  
 Bessie Buchinsky.  
 Anna R. Canfield.  
 Frank J. Corey.  
 Mary A. Costa.  
 Frank J. Cronin.  
 Blanche E. DeLorme.  
 John Doherty.  
 Elizabeth V. Doyle.  
 Winifred R. Fermoye.  
 Minnie E. Goldenberg.  
 John J. Hally.  
 Katharine V. Hally.  
 Joseph E. Howard.  
 Annie M. Jwairaites.  
 Collette A. Kane.

Mary J. Keating.  
 Catherine M. Kelliher.  
 Charles Lowe.  
 Cornelius E. Lynch.  
 Carmin Magno.  
 Edna G. McAleer.  
 Charles A. McGovern.  
 Helen F. McKenna.  
 Raymond W. Nowlin.  
 William J. Robinson.  
 Harry Rosenthal.  
 Edward I. Ruff.  
 Mary A. Ryan.  
 Elizabeth M. Savage.  
 Joseph B. J. Siggins.  
 Mabel M. Stacy.  
 Thomas E. Sullivan.  
 Marion A. Wells.

**CARR SCHOOL.**

Alberta L. Abbott.  
 George D. Anderson.  
 Flora L. Arrington.  
 Frank M. Bowes.  
 Daniel F. Brennan.  
 Rose F. Carney.  
 Martin F. Carpenter.  
 J. Lawrence Carrigan.  
 Edna A. Clements.  
 Helen G. Clements.  
 John N. Colbert.  
 William J. Coyne.  
 John S. Donahue.  
 Gardner C. Evans.  
 Mary E. Fitzpatrick.  
 Nelson M. Gardner.  
 John J. Gormlev.  
 Ida Halverston.  
 Alta H. Hamblet.  
 Joseph L. Hart.  
 Agnes L. Haug.  
 Lulu E. Hobbs.  
 Louis C. Holmes.  
 Emma M. Hudson.  
 Alice L. Keefe.  
 Mary F. Kennedy.  
 John F. Kiley.  
 Rose M. Kilty.  
 Alfred W. Landry.

Marion R. Leahy.  
 Dora Leuchte.  
 W. Atwood Lewis.  
 Bessie M. Lomax.  
 Carl M. Lovequist.  
 E. Marie Lundgren.  
 Alvin B. Lynch.  
 Helen G. Lynch.  
 Sarah E. McAllister.  
 Helena I. McMaster.  
 Thomas J. McMath.  
 Mildred I. Moore.  
 Frederick H. Morgan.  
 Russell J. Morgan.  
 Helen Mountfort.  
 Louise F. Neilon.  
 Ellen C. Nelson.  
 John G. O'Neill.  
 Lothrop G. Paul.  
 James G. Prout.  
 Joseph A. Prout.  
 Lawrence H. Rice.  
 Irene L. Roche.  
 Mary E. J. Shanney.  
 Lucinda F. Sullivan.  
 M. Gertrude Teakles.  
 Martha J. Thiesfeldt.  
 Laura 'Inorpe.  
 C. Jennie Wallace.

**MORSE SCHOOL.**

Frank A. Anderson.  
 Gifford O. Appley.  
 Ernest W. Bacon.  
 Joseph F. Beecy.  
 Ramah S. Bowers.  
 Clarence M. Brine.  
 Amber M. Butters.

Colin M. Campbell.  
 Robert C. Cann.  
 Catherine F. Carnes.  
 Louise M. Clevenger.  
 Alice M. Connolly.  
 John J. Conway.  
 Mary E. Conway.



Florence M. Dunning.  
 Edward Dyson.  
 Marguerite E. Emerson.  
 Mary L. Foss.  
 Florence E. Fuller.  
 Louis Gans.  
 Robert M. Garland.  
 Walter C. F. Gartner.  
 Araxia K. Giragosian.  
 G. Juanita Groves.  
 Helen M. Groves.  
 Chester D. Harrington.  
 Margaret G. Harrington.  
 Perley E. Harris.  
 Robert A. Heavern.  
 Jennie L. Higgins.  
 Thomas R. Higgins.  
 Pauline M. Holman.  
 Elmer L. Hudson.  
 Frank G. Johnson.  
 Alice L. Keating.  
 Catherine J. Keating.  
 Frank H. Keegan.  
 John F. Keegan.  
 George Kerr.  
 Veronica J. King.  
 Einar T. Larsen.  
 Alma J. Lindberg.  
 Andrew D. Little.

Daisy I. MacLellan.  
 Francis McDonald.  
 Marguerite R. McFarland.  
 Beatrice M. McNamee.  
 Bertha L. McNeill.  
 Rebecca M. Mitchem.  
 B. Adelaide Moody.  
 Leona B. Moore.  
 Gwendolyn N. Nelson.  
 Ruth A. Nye.  
 Edwin F. O'Brien.  
 Francis E. O'Day.  
 Catherine G. Owens.  
 Hazel H. Pearson.  
 Peder T. Pedersen.  
 Elbert E. Putney.  
 Louis R. Reynoldson.  
 Julia M. Riordan.  
 Willis B. Robertson.  
 Mary I. Sterling.  
 Charlotte E. Taylor.  
 Mildred A. Torrey.  
 Evelyn H. Trenholm.  
 Anna B. Truesdale.  
 Caroline A. Vroom.  
 Charles N. Waterhouse.  
 Clifford G. Wistrand.  
 Edmund E. Young.

#### BROWN SCHOOL.

Marie V. Atkinson.  
 Mildred D. Baker.  
 Ralph H. Barter.  
 Ruth E. Bohlin.  
 Chester L. Byron.  
 Agnes N. Cameron.  
 Hazel M. A. Clark.  
 Murray S. Colony.  
 G. Carl Cummings.  
 Edna J. Dearborn.  
 Harold B. Giles.  
 Ethel M. Gray.  
 Marion E. Hanlon.  
 Cornelius P. Hanlon, Jr.  
 Ernest W. Harvie.  
 Albert H. Kitchen.  
 Earl H. Leslie.  
 Ruth A. Lufkin.  
 A. Florence MacKinnon.  
 Helen M. Macdougall.

Damon W. Mahoney.  
 Mabel E. J. Nelson.  
 Charles L. Niles.  
 Emily A. Novy.  
 Charlotte R. O'Donnell.  
 Ina V. Pillsbury.  
 Estella M. Rice.  
 Louise N. Richmond.  
 Arthur A. Riley.  
 Frederick H. Rupert.  
 Nina E. Sellon.  
 A. Clayton Sellon, Jr.  
 Josephine C. Simpson.  
 M. Hazel Souther.  
 Cecil C. E. Stevens.  
 Stewart A. Stiglich.  
 Verna E. Thompson.  
 Anna F. Welch.  
 Isabel Whitaker.  
 Robert Whitelaw.

TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1909.

**School Committee.**

HENRY H. FOLSOM,	. . . . .	Chairman
GEORGE C. MAHONEY,	. . . . .	Vice-Chairman

**Members.**

EX-OFFICIIS. Term expires  
January.

JOHN M. WOODS, Mayor,	47 Spring street.	1910
CHARLES A. BURNS, Pres. Board of Aldermen,	27 Thurston street	1910

**WARD ONE.**

DR. HENRY F. CURTIS,	145 Perkins street.	1910
EMORY F. CHAFFEE,	109 Pearl street.	1911

**WARD TWO.**

DANIEL H. BRADLEY,	19 Concord avenue.	1910
THOMAS M. CLANCY,	52 Springfield street.	1911

**WARD THREE.**

GEORGE E. WHITAKER,	75 Walnut street.	1910
WILBUR S. CLARKE,	40 Vinal avenue.	1911

**WARD FOUR.**

CHARLES A. KIRKPATRICK, JR.,	27 Sewall street.	1910
GEORGE W. FOSTER,	7 Evergreen avenue.	1911

**WARD FIVE.**

HENRY H. FOLSOM,	103 Central street.	1910
J. WALTER SANBORN,	183 Central street.	1911

**WARD SIX.**

FREDERICK A. P. FISKE,	44 Cherry street.	1910
LEONARD H. POTE,	694 Broadway.	1911

**WARD SEVEN.**

DR. GEORGE C. MAHONEY,	97 College avenue.	1910
MRS. HENRIETTA B. H. ATTWOOD,	12 Park avenue.	1911

**Superintendent of Schools.**

CHARLES S. CLARK.

Office: City Hall Annex, Highland avenue.

Residence: 18 Pleasant avenue.

The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hours are from 4 to 5 on school days, and 8 to 9 on Saturdays.

Office telephone, 314; house telephone, 12.

Superintendent's clerks:—

Mary A. Clark, 42 Highland avenue.

Mildred A. Merrill, 57 Berkeley street.

**Board Meetings.**

January 25.	April 26.	September 27.	December 24.
February 22.	May 31.	October 25.	December 31.
March 29.	June 28.	November 29.	
		8.15 o'clock.	

**TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1909—Concluded.****STANDING COMMITTEES, 1909.**

Note.—The member first named is chairman.

High Schools.—Sanborn, Mahoney, Curtis, Clancy, Clarke, Foster, Fiske.

District I.—Curtis, Chaffee, Foster.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District II.—Bradley, Clancy, Clarke.

KNAPP, PERRY, BAXTER.

District III.—Whitaker, Clarke, Curtis.

POPE, BELL, CUMMINGS.

District IV.—Kirkpatrick, Foster, Chaffee.

EDGERLY, GLINES.

District V.—Folsom, Sanborn, Kirkpatrick.

FORSTER, BINGHAM.

District VI.—Fiske, Pote, Folsom.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN.

District VII.—Mahoney, Mrs. Attwood, Fiske.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Mahoney, Sanborn, Curtis, Clancy, Clarke, Kirkpatrick, Fiske, Woods, Burns.

Evening Schools.—Fiske, Folsom, Whitaker.

Finance.—Chaffee, Bradley, Whitaker, Woods, Burns.

Industrial Education.—Foster, Clarke, Mrs. Attwood.

Medical Inspection.—Curtis, Pote, Mahoney.

Music.—Mrs. Attwood, Curtis, Bradley.

Private Schools.—Clancy, Pote, Kirkpatrick.

Repairs of School Buildings.—Folsom, Clancy, Foster.

Rules and Regulations.—Bradley, Fiske, Mahoney.

Salaries.—Kirkpatrick, Whitaker, Sanborn.

Supplies.—Clarke, Chaffee, Sanborn.

Text-Books and Courses of Study.—Whitaker, Chaffee, Bradley, Kirkpatrick, Folsom, Pote, Mrs. Attwood.

Vacation Schools.—Pote, Foster, Mrs. Attwood.

TABLE 29.—TEACHERS IN SERVICE JANUARY, 1909.

NAME AND RESIDENCE.	Salary.	Began Service.
LATIN HIGH SCHOOL.		
Central Hill.		
GEORGE L. BAXTER, Head Master, 27 Warren Avenue . . . . .	\$3,000	1867
Frank M. Hawes, Master, 257 School Street . . . . .	2,000	1879
Charles T. Murray, Master, 28 Franklin Street . . . . .	1,850	1878
G. M. Hosmer, Sub-Master, 13 Arlington Street . . . . .	1,400	1901
W. D. Sprague, Sub-Master, 16 Pleasant Avenue . . . . .	1,700	1906
F. H. Wilkins, Sub-Master, 61 Boston Street . . . . .	1,500	1906
Frances W. Kaan, 133 Central Street . . . . .	1,200	1882
Lena Gilbert, 51 Elmwood Street . . . . .	1,000	1892
Eudora Morey, 26 Batavia Street, Boston . . . . .	900	1874
Mabel G. Curtis, 49-A Trowbridge Street, Cambridge . . . . .	900	1903
F. Gertrude Perkins, Pleasant Street, Belmont . . . . .	900	1906
Gertrude M. Hall, 39 Walnut Street . . . . .	900	1907
Mabel E. Bowker, 88 Hancock Street, Cambridge . . . . .	900	1908
Mary Cliff, 427 Shawmut Avenue, Boston . . . . .	900	1908
Grace E. W. Sprague, 230 Massachusetts Avenue, Boston . . . . .	900	1908
ENGLISH HIGH SCHOOL.		
Central Hill.		
JOHN A. AVERY, Head Master, 22 Dartmouth Street . . . . .	\$2,700	1895
Everett W. Tuttle, Master, 62 Highland Avenue . . . . .	1,900	1895
Harry L. Jones, 137 Powder House Boulevard . . . . .	1,700	1896
Howard W. Poor, 27 Mt. Vernon Street, Reading . . . . .	1,700	1896
George W. Earle, 9 Pleasant Avenue . . . . .	1,700	1901
Charles F. Abbott, 49 Boston Street . . . . .	1,700	1901
Harry F. Sears, 44 Orris Street, Melrose Highlands . . . . .	1,700	1901
Frederick O. Smith, 135 Powder House Boulevard . . . . .	1,600	1904
William W. Obear, 69 Walnut Street . . . . .	1,600	1906
Laurence A. Sprague, 17 Perkins Street, West Newton . . . . .	1,200	1906
John M. Jaynes, 29 Putnam Street . . . . .	1,050	1901
Archibald S. Bennett, 12 Grand View Avenue . . . . .	1,400	1908
A. Marion Merrill, 66 Highland Avenue . . . . .	1,200	1895
Eda L. Nichols, 53 Laurel Street . . . . .	1,200	1895
Mrs. Mary C. Thurston, 271 Medford Street . . . . .	1,000	1898
Harriet E. Tuell, 10 Harvard Place . . . . .	1,000	1897
Helen L. Follansbee, 40 Vinal Avenue . . . . .	1,100	1900
Elizabeth Campbell, 15 Pleasant Avenue . . . . .	1,000	1902
Mrs. Jessamine D. Wolcott, Jason Terrace, Arlington . . . . .	1,000	1895
A. Laura Batt, 66 Highland Avenue . . . . .	1,000	1895
M. Helen Teele, 11 Jason Street, Arlington . . . . .	1,000	1895
Clara A. Johnson, 177 Central Street . . . . .	1,000	1897
Bertha P. Marvel, 62 Highland Avenue . . . . .	1,000	1899
Elizabeth H. Hunt, 108 Gainsboro Street, Boston . . . . .	900	1908
Bessie D. Davis, 13 Mt. Vernon Street . . . . .	900	1901
Ella D. Gray, 147 Walnut Street . . . . .	900	1901
Nina A. Cummings, 47 Wallace Street . . . . .	900	1903
Nellie H. Swift, 78 Boston Street . . . . .	900	1904
Ruth Tousey, 106 Professors Row . . . . .	900	1904
Anna Pushee, 10 Harvard Place . . . . .	900	1904
Bessie L. Forbes, 92 Orchard Street . . . . .	900	1899
Bertha A. Raymond, 1080 Boylston Street, Boston . . . . .	900	1900
Blanche S. Bradford, 161 Summer Street . . . . .	850	1903
Grace E. Burroughs, 83 Munroe Street . . . . .	900	1906
Mabel Butman, 15 Prospect Hill Avenue . . . . .	900	1906
Mary E. Hadley, 46 Westminster Avenue, Arlington Heights . . . . .	900	1907
Grace Gatchell, 60 Vinal Avenue . . . . .	850	1906
Winifred E. Howe, 60 Vinal Avenue . . . . .	900	1907
Flora E. Anderson, 8-A Hancock Street . . . . .	850	1907
A. Marguerite Browne, Cambridge . . . . .	800	1908
Annie C. Woodward, 150 School Street . . . . .	600	1906
Mabell M. Ham, 41 Boston Street . . . . .	700	1906



TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
(WILLIAM H.) PRESCOTT SCHOOL. Pearl and Myrtle Streets.			
9.	SAMUEL A. JOHNSON, Master, 83 Thurston Street . . . . .	\$1,900	1893
9.	Elizabeth M. Warren, 420 Broadway . . . . .	700	1897
9.	Susie M. Hosmer, 31 Thurston Street . . . . .	700	1899
7.	Emma M. Cate, 15 Fletcher Street, Winchester . . . . .	700	1882
6.	Florence A. Eaton, 74 Walnut Street . . . . .	700	1906
6.	Rebekah Bruorton, 32 Federal Street, Reading . . . . .	700	1908
5.	Georgiana Smith, 61 Pearl Street . . . . .	700	1906
5.	Georgia P. Wardwell, 21 Pleasant Avenue . . . . .	700	1906
4.	Clara Taylor, 36 Flint Street . . . . .	700	1871
3.	Elizabeth L. Marvin, 17 Newbury Street, Malden . . . . .	700	1898
2.	Louise E. Pratt, 110 Pearl Street . . . . .	700	1889
1.	A. Louise Bean, 38 Pearl Street . . . . .	700	1904
SANFORD HANSCOM SCHOOL. Webster and Rush Streets.			
6.	ELIZABETH M. COLLINS, Principal, 62 Highland Avenue . . . . .	\$950	1901
Asst.	Agness M. Travis, Winthrop Highlands . . . . .	700	1908
5.	Mary V. Williams, 73 High Rock Street, Lynn . . . . .	650	1908
4.	Frances E. Robinson, 89 Cross Street . . . . .	700	1906
4.	Mary B. Nelson, 15 Pleasant Avenue . . . . .	700	1908
3.	Adelaide J. Anderson, 98 Highland Road . . . . .	525	1906
2.	Maude E. Nichols, 38 Pearl Street . . . . .	700	1906
2.	Jennie M. Twiss, 67 Berkeley Street . . . . .	700	1903
1.	Phenie L. DuGar, 52 Highland Avenue . . . . .	700	1907
1.	Mattie L. Littlefield, 65 Glen Street . . . . .	700	1897
Kind'n.	Elizabeth J. Baker, 78 Highland Avenue . . . . .	600	1907
Asst.	Gladys Loring, 76 Highland Avenue . . . . .	425	1906
JOSHUA H. DAVIS SCHOOL. Tufts Street.			
3.	MARY A. HOLT, Principal, 72 Boston Street . . . . .	\$775	1899
5, 4.	Mrs. Jennie A. Drew, 49 Crown Street . . . . .	700	1903
2.	Carrie T. Lincoln, 79 Marshall Street . . . . .	700	1893
1.	P. A. Merritt, 96 Oxford Street . . . . .	700	1885
CLARK BENNETT SCHOOL. Poplar and Maple Streets.			
5, 6.	ANNIE E. MCCARTY, Principal, 24 Stone Avenue . . . . .	\$1,000	1880
Asst.	Kate B. Gifford, 50 Columbus Avenue . . . . .	700	1902
5.	Edith A. Maxwell, 22 Aldersey Street . . . . .	700	1906
4.	Katherine Pike, 72 Rush Street . . . . .	700	1906
4.	Marie Neis, 19 Prospect Hill Avenue . . . . .	700	1903
3.	Nellie F. Eaton, 3 Summit Avenue . . . . .	700	1906
3.	Katharine C. Connolly, 101 School Street . . . . .	700	1897
2.	Eleanor W. Nolan, 72 Rush Street . . . . .	700	1906
2.	Mrs. Nettie L. Fay, 67 Walnut Street . . . . .	700	1901
1.	Isadore E. Taylor, 36 Flint Street . . . . .	700	1883
1.	Bertha M. Martindale, 21 Highland Avenue . . . . .	700	1902
1.	Mrs. Cora B. Gowen, 398 Highland Avenue . . . . .	700	1906
Kind'n.	Caroline G. Baker, 40 Benton Road . . . . .	600	1896
Asst.	Alice M. Saben, 110 Pearl Street . . . . .	425	1903

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
GEORGE L. BAXTER SCHOOL.			
Bolton Street.			
5.	HELEN TINCKER, Principal, 17 Bonner Avenue . .	\$825	1872
4.	Etta R. Holden, 12 Warren Avenue . . . .	700	1908
3.	Julia A. Mahoney, 16 Parker Street . . . .	700	1904
2.	Agatha G. F. Commins, 24 Hanson Street . . . .	700	1901
2.	Nona Blackwell, 45 Ibbetson Street . . . .	525	1908
1.	Maria D. McLeod, 1 Highland Park, Cambridgeport .	700	1906
Asst.	Lynda V. Merrill, 11 Marion Street . . . .	350	1908
Kind'n.	Eleanor A. Connor, 59 Church Street . . . .	600	1903
Asst.	Mary T. McCarthy, 24 Preston Road . . . .	275	1903
OREN S. KNAPP SCHOOL.			
Concord Avenue.			
9.	JOHN SHERBURNE EMERSON, Master, 3 Preston Road,	\$1,900	1894
9.	Nina M. Doanan, 22 Walnut Street . . . .	775	1904
9, 8.	Mary J. Malaney . . . . .	700	1908
8.	Mrs. Harriet C. Hamilton, 42 Walnut Street . . . .	700	1900
7.	Minnie A. Holden, 19 Concord Avenue . . . .	700	1906
7.	Clara B. Parkhurst, 22 Highland Avenue . . . .	700	1889
7.	Clara B. Sackett, 91 Summer Street . . . .	700	1891
6.	Edith Hersey, 154 Washington Avenue, Chelsea .	700	1899
6.	Florence M. Hopkins, 50 Craigie Street . . . .	600	1907
5.	Daisy King, Union Square Hotel, Somerville . . . .	700	1905
4.	Annie E. Robinson, 61 Preston Road . . . .	700	1876
3.	L. Gertrude Allen, 230 Washington Street . . . .	700	1884
2.	Minnie Alice Perry, 14 Greenville Street . . . .	700	1891
1.	Blanche L. Paine, 23 Wesley Park . . . .	600	1905
ALBION A. PERRY SCHOOL.			
Washington Street, near Dane.			
6.	CATHERINE E. SWEENEY, Principal, 663 Broadway .	\$825	1901
5.	Eva A. Wilson, 4-A Pleasant Avenue . . . .	500	1908
4.	Irene Vincent, 47 Vinal Avenue . . . .	700	1903
3.	Mary G. Blackwell, 45 Ibbetson Street . . . .	700	1900
2.	Charlotte Holmes, 61 Columbus Avenue . . . .	700	1899
1.	Mrs. Sarah E. Murphy, 21 Fountain Avenue . . . .	700	1906
Asst.	Lillian M. Huntington, 44 Preston Road . . . .	525	1907
Asst.	Alice L. Reid, 37 Spring Street . . . .	350	1908
CHARLES G. POPE SCHOOL.			
Washington and Boston Streets.			
9.	GEORGE M. WADSWORTH, Master, Whitman	\$1,900	1891
9.	Florence A. Chaney, 78 Huntington Avenue, Boston .	775	1892
8, 9.	Alice I. Norcross, 28 Russell Avenue, Watertown .	725	1885
8.	Harriet M. Clark, 10 Vernon Street, West Medford .	700	1893
7.	Mrs. Blanche G. North, 103 Kidder Avenue . . . .	700	1893
6, 7.	M. Abbie Tarbett, 11 Washington Street, Stoneham .	700	1906
6.	Minnie A. Blood, 27 Putnam Street . . . .	700	1897
6.	Lena F. Shaw, 23 Abbott Street, Dorchester . . . .	700	1905
5.	Lizzie W. Parkhurst, 22 Highland Avenue . . . .	700	1885
4.	Annie G. Sheridan, 84 Prospect Street . . . .	700	1886
3.	Mabel K. Davis, 11 Harvard Place . . . .	700	1904
2.	Florence E. Locke, 9 Prospect Hill Avenue . . . .	700	1899
1.	Alice B. Frye, 6 Chester Street, Malden . . . .	700	1904

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
LUTHER V. BELL SCHOOL.			
Vinal Avenue.			
9.	HARLAN P. KNIGHT, Master, 61 Putnam Street . . . . .	\$1,900	1897
9.	Alice L. Davis, 40 Vinal Avenue . . . . .	775	1895
9, 8.	Grace E. Weeks, 32 Vinal Avenue . . . . .	725	1899
7.	Eva R. Barton, Stoneham . . . . .	700	1904
6, 7.	Mary F. Osborne, 67 Boston Street . . . . .	650	1908
6.	Maribelle Curtis, 55 Putnam Street . . . . .	700	1895
5.	Mrs. Mabel T. Totman, 21 Highland Avenue . . . . .	700	1893
5.	Emma F. Schuch, 25 Tufts Street . . . . .	700	1874
4.	Ella H. Buckman, 27 Putnam Street . . . . .	700	1897
3.	Helen C. Gray, 10 Gardner Street, Cambridge . . . . .	700	1908
2.	Martha E. Daniels, 93 Concord Avenue . . . . .	700	1891
1.	Lucia Alger, 29 Columbus Avenue . . . . .	700	1889
(JOHN A.) CUMMINGS SCHOOL.			
School Street, near Highland Avenue.			
3.	FANNIE L. GWYNNE, Principal, 65 School Street . . . . .	\$775	1886
4.	Daisy W. Cushman, 40 Vinal Avenue . . . . .	700	1906
2.	Angeline Cann, Hotel Woodbridge . . . . .	700	1897
1.	Elizabeth L. Hersey, 11 East Newton Street, Boston . . . . .	700	1896
(JOHN G.) EDGERLY SCHOOL.			
Cross and Bonair Streets.			
9.	CHARLES E. BRAINARD, Master, 82 Munroe Street . . . . .	\$1,900	1889
9.	M. Eva Warren, 151 Walnut Street . . . . .	775	1906
9.	Annie L. Dimpsey, Hotel Woodbridge . . . . .	700	1891
8.	Mary E. Richardson, 14 Stickney Avenue . . . . .	700	1893
8.	Mabel Washburn, 14 Greenville Street . . . . .	700	1906
7.	Mabel C. Mansfield, 14 Stickney Avenue . . . . .	700	1893
7.	Isabelle M. Gray, 23 Webster Street . . . . .	700	1897
6.	Edith M. Snell, 4 Vine Street, Melrose . . . . .	700	1900
5.	G. Hortense Pentecost, 151 Walnut Street . . . . .	700	1905
4.	J. Louise Smith, 196 Washington Street, Lynn . . . . .	700	1896
3.	Lillian Nealley, 109 Glen Street . . . . .	700	1882
2.	Alice W. Cunningham, 42 Highland Avenue . . . . .	700	1901
1.	Martha M. Power, 37 Gleason Street, West Medford . . . . .	700	1890
JACOB T. GLINES SCHOOL.			
Jaques Street, near Grant Street.			
9.	MARY E. NORTHUP, Master . . . . .	\$1,900	1878
9.	Mary E. Stiles, . . . . .	775	1883
8.	Mary A. Lawry, 203 Broadway . . . . .	700	1905
7.	Lilla M. Marble, 72 Rush Street . . . . .	700	1902
6, 7.	Louise Richardson, 307 Medford Street . . . . .	700	1907
6.	Ellen A. Boynton, 9 Oakland Avenue . . . . .	700	1891
5.	Margaret A. Orr, 15 Blagden Street, Boston . . . . .	700	1890
4.	Mary A. Goddard, 9 Winter Hill Circle . . . . .	700	1893
3.	Florence E. Baxter, 49 Hudson Street . . . . .	700	1891
2, 3.	Leslie Caverly, 210 Washington Avenue, Chelsea . . . . .	600	1908
2.	Anna G. Welch, 324 Main Street, Stoneham . . . . .	700	1897
1.	Mrs. Carrie Armitage, 57 Madison Street . . . . .	700	1899
1.	Isabel J. Tift, 37 Madison Street . . . . .	700	1892
Kind'n.	Mrs. Etta D. Ellsworth, 112 Newbury Street, Boston . . . . .	600	1897
Asst.	Ida M. Kane, 28 Fellsway West . . . . .	425	1905



TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
(CHARLES) FORSTER SCHOOL. Sycamore Street and Evergreen Avenue.			
	FRED C. BALDWIN, Master, 106 Sycamore Street . . .	\$1,900	1893
9.	Irene S. Nightingale, 14 Court Street, Arlington . . .	775	1895
9.	Emma G. Blanchard, 146 Mass. Ave., Boston, Suite 622 . . .	725	1902
8.	Emma M. Damon, 9 Oakland Avenue . . .	700	1908
8.	Mary M. Badger, 18 Dartmouth Street . . .	700	1908
7.	Philena A. Parker, 27 Elmwood St., Arlington Heights . . .	700	1908
7.	Mabel F. Powell, 34 Cambria Street . . .	650	1908
6.	Mrs. Mina P. Bickford, 216 Park Street, Medford . . .	700	1903
6.	Elizabeth F. Clement, 29 Kidder Avenue . . .	700	1884
5.	Mary I. Bradish, 54 Logan Avenue, Medford . . .	700	1899
5.	Elizabeth S. Brown, 14 Stickney Avenue . . .	700	1897
4.	Laura R. Cunningham, 42 Highland Avenue . . .	700	1904
4.	Gertrude M. Sias, 37 Wordsworth St., East Boston . . .	700	1903
3.	*E. Mina Smith, 2 Pembroke Street . . .	700	1896
3.	Mrs. Annie J. Ireland, Winchester . . .	700	
3.	Annie S. Gage, 32 Marshall Street . . .	700	1881
2.	Mabel G. Delano, 108 Cross Street . . .	700	1901
2.	Martha L. Hale, 157 Highland Avenue . . .	700	1899
1.	Grace Shorey, 23 Forster Street . . .	700	1892
1.	Cora J. Demond, 146 Massachusetts Avenue, Boston . . .	700	1900
(NORMAN W.) BINGHAM SCHOOL. Lowell Street, near Vernon Street.			
9.	HARRY F. HATHAWAY, Master, 495 Broadway . . .	\$1,900	1890
9.	Elizabeth J. O'Neil, 72 Central Street . . .	775	1904
8.	Elizabeth J. Mooney, 168 Summer Street . . .	700	1894
7.	Jane Batson, 140 Clifton Street, Malden . . .	700	1900
7.	Naomi E. Stevens, 134 Austin Street, Cambridge . . .	700	1902
6.	Georgia M. Robbins, 495 Broadway . . .	700	1906
6.	Lucy K. Hatch, 103 Glenwood Road . . .	700	1892
5.	Mary F. Mead, 35 Kidder Avenue . . .	700	1905
5.	Harriet F. Ward, 30 Adams Street . . .	700	1895
4.	Eva M. Barrows, 118 Rogers Avenue . . .	700	1903
4.	Helen L. Galvin, Braintree . . .	700	1903
3.	Harriet M. Bell, 34 Bow Street . . .	700	1904
3.	Bessie J. Baker, Malden . . .	700	1905
2.	Grace F. Mulcahy, 350 Broadway . . .	700	1903
2.	Nellie R. Bray, 7 Jasper Street . . .	700	1897
1.	Mabel E. Mansir, 77 Albion Street . . .	700	1894
1.	Clara L. Griffiths, 39 Ames Street . . .	700	1902
MARTIN W. CARR SCHOOL. Beech Street.			
9.	CHARLES G. HAM, Master, Watertown . . .	\$1,900	1898
9.	May E. Berry, 14 Billingham Street . . .	775	1880
9, 8.	Clara D. Eddy, 61 Central Street . . .	725	1902
8.	Mrs. Mary E. Soule, 124 Summer Street . . .	700	1901
7.	Harriet A. Hills, 14 Billingham Street . . .	700	1874
7.	Marion P. Crawford, 124 Summer Street . . .	700	1897
6.	Marie T. Smith, 15 Day Street . . .	700	1898
6.	Susie L. Luce, 8 Walter Terrace . . .	700	1896
5.	Mary A. Haley, 117 Summer Street . . .	700	1867
5.	Grace T. Merritt, 47 Cherry Street . . .	700	1897
4.	Elizabeth S. Foster, 11 Preston Road . . .	700	1895
4.	Leila L. Rand, 87 Raymond Street, Cambridge . . .	700	1908
3.	Florence B. Howland, 6 Highland Avenue . . .	700	1897
2, 3.	L. Isadore Wood, 98 Oxford Street . . .	700	1906
2.	Florence M. Dearborn, 35 Laurel Street . . .	700	1904
1.	Ethel F. Morang, 157 Lowell Street . . .	700	1898
1.	Annie B. Russell, 45 Russell Street . . .	700	1901
Asst.	Pearl F. Dame, 1 Ellsworth Street . . .	350	1906

\*Leave of absence.



TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
(ENOCH R.) MORSE SCHOOL. Summer and Craigie Streets.			
9.	MINA J. WENDELL, Master, 211-A Summer Street . . . . .	\$1,900	1882
9.	Alice E. Jones, 23 Greene Street . . . . .	775	1897
8.	Mrs. M. Florence Eustis, 35 Laurel Street . . . . .	725	1906
8.	Mrs. Clara A. Ball, 12 State Street, Cambridge . . . . .	700	1906
7.	Ruth Sutton, 67 Westland Avenue, Boston . . . . .	500	1908
7.	Lennie W. Bartlett, 11 Preston Road . . . . .	700	1893
6.	Blanche E. Thompson, 108 School Street . . . . .	700	1906
5.	Lizzie E. Hill, 33 Mt. Vernon Street, Boston . . . . .	700	1890
4.	Alice B. Hazelton, 25 Monmouth Street . . . . .	700	1904
3.	Mrs. Agnes C. Rice, 20 Spring Hill Terrace . . . . .	700	1900
3.	Ardelle Abbott, 71 Craigie Street . . . . .	700	1896
1, 2.	Annie L. Ball, 52 Wallace Street . . . . .	700	1908
1.	Grace S. Russell, 1097 Broadway . . . . .	700	1900
Asst.	Emma M. McKinley, 65 Grove Street . . . . .	425	1907
GEORGE O. PROCTOR SCHOOL. Hudson Street.			
6.	NORA F. BYARD, Principal, 15 Draper Ave., Arlington, . . . . .	\$900	1884
Asst.	Annie Sanburn, 20 Ashburton Place, Boston . . . . .	700	1907
5, 6.	Emma A. Gilman, 130 Huntington Avenue, Boston . . . . .	700	1903
5.	Alice G. Hosmer, 42 Boston Street . . . . .	700	1906
4.	Abbie A. Gurney, 29 Columbus Avenue . . . . .	700	1888
4.	Ella P. McLeod, 32 Charnwood Road . . . . .	700	1888
3.	Clara L. Hammond, 62 Chandler Street . . . . .	700	1903
3, 2.	Edith L. Hunnewell, 23 Milton Street . . . . .	700	1894
1, 2.	Mary S. Richardson, 13 Bartlett Street . . . . .	600	1906
1.	L. Margaret Potter, 59 Belvidere Street, Boston . . . . .	700	1906
GEORGE W. DURELL SCHOOL. Beacon and Kent Streets.			
4.	ABIGAIL P. HAZELTON, Principal, 25 Monmouth Street, . . . . .	\$775	1902
3.	Lucie H. Chamberlain, 168 Summer Street . . . . .	700	1907
2.	Mrs. Cora F. Woodward, 49 Linden Avenue . . . . .	600	1908
1.	Mary Winslow, 38 Spring Street . . . . .	700	1887
MARK F. BURNS SCHOOL. Cherry Street, near Highland Avenue.			
7.	LAURA J. BROOKS, Principal, 31 Stevens St., Stoneham, . . . . .	\$900	1883
Asst.	Mrs. Mary C. Buck, 11 Powder House Terrace . . . . .	350	1899
6.	Cara M. Johnson, 130 Park Ave., Arlington Heights . . . . .	700	1897
5.	Minnie S. Turner, 153 Lowell Street . . . . .	700	1885
4.	Bessie I. Sutton, 67 Westland Avenue, Boston . . . . .	700	1907
3.	Annie L. Brown, 38 Charnwood Road . . . . .	700	1885
2.	Mary E. Lacy, 63 Cherry Street . . . . .	700	1890
1, 2.	Mrs. Emma B. Jones, 18 Sargent Avenue . . . . .	700	1889
1.	Alice E. Morang, 157 Lowell Street . . . . .	700	1893
BENJAMIN G. BROWN SCHOOL. Willow Avenue and Josephine Avenue .			
9.	GEORGE I. BOWDEN, Master, Hingham . . . . .	\$1,600	1908
9.	Annie G. Smith, 59 Maple Street, Malden . . . . .	775	1901
8.	Jennie P. Chapman, 2 Kenwood Street . . . . .	700	1905
7.	Edith G. Watts, 16 Fosket Street . . . . .	700	1904
6.	Mrs. Phebe E. Mathews, 159 Morrison Avenue . . . . .	700	1897
5.	Grace J. Alexander, 49 College Avenue . . . . .	700	1900
4.	Edna M. Proctor, 93 Revere Street, Boston . . . . .	700	1901
3.	Lucy M. Curtis, 77 Walnut Street . . . . .	700	1900
2.	Mrs. Grace H. Bliss, 78 Summer Street . . . . .	700	1900
2, 1.	Rena H. Wiley, 116 Pearson Avenue . . . . .	525	1906
1.	Ida M. Record, 77 Walnut Street . . . . .	700	1899

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
<b>HIGHLAND SCHOOL.</b>			
Highland Avenue and Grove Street.			
9.	AARON B. PALMER, Master, 18 Bay State Avenue . . . . .	\$1,900	1905
9.	Grace M. Clark, 10 Vernon Street, West Medford . . . . .	700	1893
8, 9.	Marguerite Burns, 64 Hall Avenue . . . . .	725	1907
8.	Mary L. Bryant, 24 Hall Avenue . . . . .	700	1903
8.	Mrs. Nellie G. Stewart, 11 Hawthorne Street . . . . .	700	1908
7.	Elsie M. Ross, 201 Morrison Avenue . . . . .	650	1908
7.	Katie D. Greenleaf, 201 Morrison Avenue . . . . .	650	1908
6.	Sarah E. Pray, 126 Orchard Street . . . . .	700	1877
6.	Florence L. Fletcher, . . . . .		
5.	Mary H. Joyce, 76 Boston Street . . . . .	700	1891
5.	Lillian F. Richardson, 33 Wallace Street . . . . .	700	1904
4, 5.	Marie Clifford, 45 Oxford Street, Cambridge . . . . .	700	1907
4.	Edda C. Locke, 22 Francesca Avenue . . . . .	700	1908
<b>WILLIAM H. HODGKINS SCHOOL.</b>			
Holland Street.			
9.	ARTHUR L. DOE, Master, 1077 Broadway . . . . .	\$1,900	1896
9.	Alice M. Winslow, 23 Winthrop Street, Malden . . . . .	775	1896
9.	N. Irene Ellis, 15 Kidder Avenue . . . . .	725	1903
8.	Edith W. Emerson, 135 Central Street . . . . .	700	1896
8.	Alice S. Hall, 135 Central Street . . . . .	700	1896
7.	Lilla E. Mann, 75 Wallace Street . . . . .	700	1902
7.	Josephine T. Field, 40 Inman Street, Cambridge . . . . .	700	1903
6.	Mrs. Gertrude W. Leighton, 85 Central Street . . . . .	700	1895
6.	Beatrice A. Randall, 14 Oxford Street, Cambridge . . . . .	700	1905
5.	Flora A. Burgess, Arlington Heights . . . . .	700	1894
5.	Catherine A. Burden, 406 Highland Avenue . . . . .	700	1902
4.	Genieve R. Barrows, Waban . . . . .	700	1905
4.	Katherine M. Fox, Stoneham . . . . .	700	1896
1, 2.	Jennie M. Patterson, 17 Avon Street . . . . .	700	1903
1.			
Asst.	Ellen A. Baker, . . . . .	350	1908
<b>(CHARLES S.) LINCOLN SCHOOL.</b>			
Broadway, near Teele Square.			
3, 2.	ELIZA H. LUNT, Principal, 50 Curtis Street . . . . .	\$775	1889
3.	Olivia M. Woods, . . . . .		
2.	Almena J. Mansir, 77 Albion Street . . . . .	700	1899
1.	Annie H. Hall, 97 College Avenue . . . . .	700	1906
Asst.	Hortense F. Small, 9 Newbury Street . . . . .	425	1908
<b>MARTHA PERRY LOWE SCHOOL.</b>			
Morrison Avenue, near Grove Street.			
4.	MAY E. SMALL, Principal, 12 Day Street, Cambridge . . . . .	\$900	1900
Asst.	Annie Sanburn, 20 Ashburton Place, Boston . . . . .	700	1907
3.	Alice M. Dorman, 159 Morrison Avenue . . . . .	700	1903
3.	Maude C. Valentine, 1098 Broadway . . . . .	700	1901
3.	Stella M. Holland, 46 Chester Street . . . . .	700	1903
2.	Mrs. Jane M. Taaffe, 159 Morrison Avenue . . . . .	700	1888
2.	Katherine E. Hourahan, 296 Highland Avenue . . . . .	700	1892
1.	Clara G. Hegan, 100 School Street . . . . .	700	1897
1.	Martha A. Jencks, 64 Hall Avenue . . . . .	700	1898
<b>EVENING SCHOOL PRINCIPALS.</b>			
	GEORGE W. EARLE, High . . . . .	\$6.00	
	CHARLES T. MURRAY, Prescott . . . . .	3.00	
	JOHN S. EMERSON, Bell . . . . .	4.00	
	CHARLES E. BRAINARD, Highland . . . . .	3.00	

TABLE 29.—Teachers in Service January, 1909.—Concluded.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
CADET TEACHERS.			
	Frances E. Welch . . . . .	\$200	1908
SPECIAL TEACHERS.			
MUSIC.			
7-13.	S. Henry Hadley, 46 Pearl Street . . . . .	\$1,700	1868
6-1.	Charlotte D. Lawton, 11 East Newton Street, Boston . . . . .	1,000	1898
DRAWING.			
9-1.	Mary L. Patrick, Newtonville . . . . .	1,000	1895
SEWING.			
8-5.	Mary L. Boyd, 43 Tennyson Street . . . . .	700	1888
8-5.	Emma J. Ellis, 54 Marshall Street . . . . .	700	1900
8-5.	Bertha P. Paul, 23 Monmouth Street . . . . .	700	1900
8-5.	Sarah I. Gale, 10 Brastow Avenue . . . . .	500	1908
PENMANSHIP.			
9-1.	William A. Whitehouse, 70 Central Street . . . . .	1,500	1895
MANUAL TRAINING.			
9, 8.	Andrew Bjurman, 15 Fairview Terrace, Maplewood . . . . .	1,400	1907
9, 8.	Willis E. Higgins, 67 Beech Street . . . . .	1,400	1907
ASSISTANT IN PROCTOR AND LOWE.			
	Annie Sanburn, 20 Ashburton Place, Boston . . . . .	700	1906
ASSISTANT IN BURNS.			
	Mary C. Buck . . . . .	350	1908

TABLE 30.—OFFICERS, ETC., IN SERVICE JANUARY, 1909.

NAME AND ADDRESS.	Salary.
Charles S. Clark, 18 Pleasant Avenue . . . . .	\$3,000
CLERKS.	
Mary A. Clark, 42 Highland Avenue . . . . .	700
Mildred A. Merrill, 57 Berkeley Street . . . . .	550
TRUANT OFFICERS.	
Justin W. Lovett, 13 Hudson Street . . . . .	1,300
Jairus Mann, 80 Porter Street . . . . .	50

TABLE 31. — SCHOOL JANITORS, JANUARY, 1909.

School.	Name.	Residence.
Latin High, S . . .	Joseph Young	51 Oxford St.
Latin Annex . . .	William H. Kelley	25 Aldrich St.
English High, S . . .	Lewis G. Keene	109 Hudson St.
English High, S . . .	Edwin Adler	22 Robinson St.
Prescott, S, 12 . . .	George A. McGunnigle	50 Pearl St.
Hanscom, S, 10 . . .	William H. Allen	29½ Alston St.
Davis, F, 4 . . .	George H. Clapp	35-A Franklin St.
Bennett, S, 12 . . .	Daniel T. Campbell	11 Sellon Place
Baxter, S, 6 . . .	Israel Winterbottom	2 Bolton St.
Knapp, S, 12 . . .	Substitute	
Perry, S, 6 . . .	Henry C. Bradford	72 Boston St.
Pope, S, 12 . . .	Hiram A. Turner	16 Gibbens St.
Bell, S, 12 . . .	F. S. Dickinson	1 Putnam St.
Cummings, F, 4 . . .	Substitute	
Edgerly, S, 12 . . .	Charles P. Horton	22 Everett Ave.
Glines, S, 14 . . .	Roy C. Burckes	249 School St.
Forster, S, 18 . . .	George W. Coombs	34 Tufts St.
Forster . . .	James L. Whitaker	146-R Sycamore St.
Bingham, S, 16 . . .	John F. O'Brien	347 Lowell St.
Carr, S, 16 . . .	James W. Rich	206 Highland Ave.
Morse, F, 12 . . .	John W. Cremen	69 Oxford St.
Proctor, S, 8 . . .	George W. Libby	215 Pearl St.
Durell, S, 4 . . .	Ellsworth C. Lundgren	50 Harrison St.
Burns, S, 8 . . .	Charles Gallaway	160 Hudson St.
Brown, S, 10 . . .	O. M. Pote	23 Howe St.
Highland, F, 12 . . .	E. Parker Cook	398 Highland Ave.
Hodgkins, S, 14 . . .	John Shea	97 Gilman St.
Lowe, S, 8 . . .	John F. Richardson	190 Morrison Ave.
Lincoln, S, 4 . . .	Thomas C. Dame	1 Ellsworth St.

Buildings heated by steam are marked "S," by furnace "F." The numbers show the number of rooms.

The high schools are heated by a single plant in Latin building.



# **PUBLIC LIBRARY.**

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## **BOARD OF TRUSTEES AND OFFICERS**

OF THE SOMERVILLE PUBLIC LIBRARY, YEAR ENDING DECEMBER 31, 1908.

### **Trustees.**

EDWARD C. BOOTH, M. D.	IRVING G. HALL.
JOHN B. VIALI.	FREDERICK W. PARKER.
J. FRANK WELLINGTON.	THOMAS M. DURELL, M. D.
HOWARD D. MOORE.	WILLIAM L. BARBER.
REV. CHARLES L. NOYES.	

### **Officers.**

EDWARD C. BOOTH, M. D.	President
SAM WALTER FOSS	Secretary

### **Committees.**

Building and Grounds—Viall, Wellington, and Hall.  
Administration—Wellington, Parker, and Durell.  
Books and Catalogues—Booth, Viall, Moore, Hall, Noyes, and Durell.  
Finance—Parker, Moore, and Barber.

### **Librarian.**

SAM WALTER FOSS.

### **Assistant Librarian.**

FLORENCE D. HURTER.

### **Cataloguer.**

ESTHER M. MAYHEW.

### **Assistant Cataloguer.**

EDITH B. HAYES.

### **Children's Librarian.**

ANNA L. STONE.

### **School Librarian.**

MARY S. WOODMAN.

### **Reference and Art Librarian.**

MABEL E. BUNKER.

### **Assistants.**

BESSIE L. DUDDY.	FLORENCE M. BARBER.
NELLIE M. WHIPPLE.	A. MYRTLE MERRILL.
ALICE W. SEARS.	ETHEL M. NUTE.

### **Attendants.**

SAXTON C. FOSS.	WILLIAM E. BAGSTER.
CECIL M. BARLOW.	EDGAR L. KAULA.

### **Janitor.**

CHARLES A. SOUTHWICK.

## PUBLIC LIBRARY ACCOUNT.

### Receipts and Expenditures for 1908.

CREDIT.	
Appropriation . . . . .	\$16,000 00
Dog tax . . . . .	4,214 39
West Somerville Branch . . . . .	154 80
School Contingent account . . . . .	2 48
Fines, etc. . . . .	863 20
Total . . . . .	<u>\$21,234 87</u>

DEBIT.	
Books and periodicals . . . . .	\$5,007 18
Binding . . . . .	3,680 53
Cards . . . . .	108 95
Printing . . . . .	631 71
Stationery . . . . .	85 03
Salaries . . . . .	10,109 16
Agencies . . . . .	747 74
Express . . . . .	391 33
Postage . . . . .	17 00
Telephone . . . . .	56 40
Supplies . . . . .	95 70
Binders . . . . .	41 15
A. L. A. membership . . . . .	5 00
Index . . . . .	3 00
Repairs . . . . .	47 28
Insurance . . . . .	191 25
Sundries . . . . .	15 00
Balance unexpended . . . . .	1 46
Total . . . . .	<u><u>\$21,234 87</u></u>

### West Somerville Branch.

CREDIT.	
Appropriation . . . . .	\$1,000 00
DEBIT.	
Books and periodicals . . . . .	\$986 05
Express . . . . .	35
Cards . . . . .	11 95
Balance unexpended . . . . .	1 65
Total . . . . .	<u><u>\$1,000 00</u></u>

### Isaac Pitman Art Fund.

CREDIT.	
Balance from 1907 . . . . .	\$89 51
Interest July 1, American Telephone & Telegraph Co. . . . .	80 00
Interest December 31, American Telephone & Telegraph Co. . . . .	80 00
Interest accruing on deposits December 31 . . . . .	10 14
Total . . . . .	<u><u>\$259 65</u></u>

## DEBIT.

Books and pictures purchased in 1908 . . . . .	\$144 03
Balance carried to 1909 . . . . .	115 62
Total . . . . .	<u>\$259 65</u>

**Isaac Pitman Poetry Fund.**

## CREDIT.

Balance from 1907 . . . . .	\$64 92
Interest July 1, American Telephone & Telegraph Co. .	20 00
Interest December 31, American Telephone & Telegraph Co. . . . .	20 00
Interest accruing on deposits to December 31 . . . . .	2 54
Total . . . . .	<u>\$107 46</u>

## DEBIT.

Books purchased in 1908 . . . . .	\$63 17
Balance carried to 1909 . . . . .	44 29
Total . . . . .	<u>\$107 46</u>

## REPORT OF THE TRUSTEES.

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To the Honorable, the Mayor, and the Board of Aldermen of the City of Somerville:—

Gentlemen,—The annual report of the trustees of the public library is herewith respectfully submitted.

We have appended to and made a part of our report the full report of the librarian, to which your honorable body is referred for the details of the year's work. It remains for us to emphasize some points in this report, and to consider the necessities of the library for the coming year.

The general work of the library has been conducted along the same lines as in recent years, without the inauguration of any new form of activity or the discontinuance of any important feature of the past.

The volume of business, which has been constantly increasing, has been considerably greater during the present year. The circulation has increased from 419,539 to 448,224 since our last report, an increase of 6.83 per cent. over the circulation of 1907, in comparison with an increase of 2.16 per cent. of the year 1907 over that of the previous year. In this general increase the circulation of fiction has proportionately increased, so that our usual percentage of about 70 per cent. of works of fiction borrowed remains unaltered.

While the work of the various agencies has continued without marked change as a whole, the circulation of the East Somerville agency has considerably increased, and that of the Highland district has fallen behind. These variations are probably due to transient local conditions and have no significance.

The loss of books from the library has been the subject of much solicitude since the inauguration of free access of the public to the shelves seven years ago, and such data as could be obtained showed losses too serious in point of numbers to be lightly passed over; and even the question of withdrawing the privileges of personally examining the books at the shelves has been seriously considered. A thorough inventory taken this year has, however, been reassuring in its results, and certainly for the present has put out of mind any thought of returning to the old method of closed shelves. This inventory shows that substantially 168 books in the main library, 148 in the children's department, and six in all other departments have been lost in the last two years. This loss, a third of which was in the class of fiction, is not greater than could reasonably be expected, occurring, as it has, during a circulation of eight or nine hundred thousand volumes and is trivial from a money point of view.

Whether this not unsatisfactory showing is in consequence of greater vigilance on the part of attendants, closer inspection



at the turnstiles, the use of the perforated stamp on the title page of the books, or the posting of cards of warning about the building, or whether it is due, in a considerable degree, to a more exhaustive inventory cannot be known; but it is natural to believe that all of these causes have contributed to the result.

We have received during the year a gift of \$100 for the children's department by the will of Miss Frances A. Wilder, of Lancaster, who was for many years a faithful teacher in the public schools of this city. This is a small gift, to be sure, and to some it may appear unimportant, but it will place one or more good books in the hands of many children of Somerville each year as long as the library shall endure. And we wish to mark our appreciation of such an offering gathered from small savings, and equally, as if it were larger, we honor the public spirit of the giver.

The sum of \$1,000, asked of your board a year ago for the purchase of books for the West Somerville branch library, that a proper equipment might be in readiness at the opening of the building, was granted, and during the year 1,347 books have been purchased, as favorable opportunity offered, which with the 1,134 duplicates that could be spared from the main library and the 1,450 books now on the shelves of the West Somerville and Highland agencies, making a total of 3,931 volumes, form a respectable nucleus for the new branch.

As it seems probable that the building will be completed and ready for occupancy during the coming spring, it becomes necessary that we should prepare and present to your board an estimate of the cost of maintaining this new addition to our activities. We have, therefore, caused various schedules to be made exhibiting the number of assistants required and the number of hours in which these assistants would be occupied, according to the times of day and the number of hours per week during which the branch might be kept open. After careful consideration the trustees have selected a schedule which promises satisfaction to the public, has due regard for expense, and is altogether the best suited to the requirements of the situation. By this schedule the library is kept open from one o'clock to nine o'clock P. M., for five days in the week, and from nine o'clock A. M. to nine o'clock P. M. on Saturday, with no Sunday opening; and the services of a librarian or custodian, two assistants, and one substitute will be required, the regular members of the staff working thirty-eight and one-half hours per week, including three evenings, and the substitute thirteen and one-half hours, with four evenings. In favor of these hours of opening, it may be said that the library building is least frequented during the morning hours, when, generally speaking, the children are at school, the men at business, and the women at home engaged in their domestic affairs. On the other hand, the evening demands on the library are very great, for this is a leisure season for nearly all, and is the only time when those actively

employed during the day can visit the library. The salaries of the staff, under this arrangement, approximate \$1,300 for the first year. This presupposes salaries of respectively \$300 and \$200 for the two assistants. As, however, the assistants gain in experience and usefulness, these amounts will increase year by year, as in the case of beginners at the main library, until the maximum salary of \$600 for assistants is reached. We estimate the total cost of maintenance by this schedule, exclusive of the care of the building, which comes under the charge of the commissioner of public buildings, and including \$1,000 for the purchase of books, to be approximately \$3,000.

For the maintenance of the main library for the coming year we ask for an appropriation of \$17,500 and the dog tax. The reason for asking for this excess of \$1,500 over the appropriation of last year is that we are alarmingly falling off in the purchase of books and that our binding bills have unavoidably greatly increased. This year but \$5,000 remained for the purchase of books and periodicals after the fixed charges of the library had been met. The average expenditure for this purpose for the five years preceding the last was \$6,450. The bill for binding for the present year was \$3,680.53; in no previous year has it exceeded \$2,400. This increase in the cost of binding is a natural consequence of the increasing use and age of our books. It is a penalty which we must pay for a great circulation.

The trustees have been importuned from time to time to establish reading-rooms in various parts of the city, especially in the vicinity of Union square. We believe that this particular part of the city is especially in need of the help of the library as supplementary to the work of the public schools; but we do not feel at liberty to ask for any appropriation for this object at this time, when the city is about to assume a new burden in library work. We estimate the yearly cost of maintaining a reading-room in Union square at \$1,500, and the trustees would gladly enter upon this work if the city council sees fit to make an appropriation for the purpose.

We again advert to the faithful services of the library staff. Our librarian has just completed a period of ten years in the service of the library. His work has been eminently satisfactory to the trustees, and we know, also, from abundant manifestations that he has been steadily growing in the love and regard of the people of Somerville.

Respectfully submitted for the board of trustees,

EDWARD C. BOOTH,

President.

December 29, 1908.

## REPORT OF THE LIBRARIAN.

To the Trustees of the Somerville Public Library:—

I herewith submit the librarian's thirty-sixth annual report. Below is a statement, somewhat in detail, of the work done by the various departments of the library during the current year:—

### The Cataloguing Department.

The cataloguing department, under the supervision of Miss Esther M. Mayhew, submits the following statistics:—

#### Books Added.

Accession number January 1, 1908	.	.	.	.	.	.	92,891
“ “ “ “ 1909	.	.	.	.	.	.	99,196
Total number added during 1908:—							
Main library	.	.	.	.	.	.	4,958
Branch “	.	.	.	.	.	.	1,347
							<hr/> 6,305
Books new to library	.	.	.	.	.	.	3,251
Duplicates	.	.	.	.	.	.	3,054
Total number withdrawn	.	.	.	.	.	.	16,317
Total number in library	.	.	.	.	.	.	82,879

#### Binding.

Volumes rebound	.	.	.	.	.	.	6,530
Periodicals bound	.	.	.	.	.	.	563
Paper-covered books bound	.	.	.	.	.	.	174
Pamphlets	.	.	.	.	.	.	42
							<hr/>
Total	.	.	.	.	.	.	7,309

#### Books Withdrawn.

Books worn out	.	.	.	.	.	.	2,008
“ lost by general readers	.	.	.	.	.	.	160
“ “ in schools	.	.	.	.	.	.	8
“ burned per order Board of Health	.	.	.	.	.	.	90
“ missing by inventory	.	.	.	.	.	.	322
							<hr/> 2,588
Total number of books withdrawn	.	.	.	.	.	.	2,588
Total number of books withdrawn to January 1, 1908	.	.	.	.	.	.	13,729
“ “ “ “ “ during 1908	.	.	.	.	.	.	2,588
							<hr/>
Total	.	.	.	.	.	.	16,317

9,664 catalogue cards have been purchased from the Library of Congress during 1908.

In addition to the routine work of this department, a complete inventory of the library was taken by the cataloguers. This inventory was much more thorough than any previous inventory. Both cataloguers spent the entire month of June in



this work, and one day each week during the months of July, August, and September. They were assisted more or less by other members of the staff.

We find that the total loss of books from all departments of the library for a period of two years has been 322. The last inventory taken in 1906 for a period of one year showed a loss of 725, or more than twice the number reported lost in the two years of 1907-8. A loss of 161 books a year from a library circulating nearly 450,000 books, with all the books free of access to all readers, is a very good showing, and demonstrates that the dangers of the free access system are largely imaginary. There is no good reason why people should steal books when they can get them for nothing without stealing them.

### School Department.

The school department, under the supervision of Miss Mary S. Woodman, shows a progressive increase of business from year to year. During the past year we have been unable, through lack of funds, to purchase as many books for this department as its developing needs require, but we have endeavored to supply the demands of the teachers as well as our facilities will permit. Several hundred dollars should be expended upon this department at a very early date for the purchase of books constantly requested by the schools.

At the suggestion of Superintendent Clark, all the pedagogical books of the library have been segregated in the school librarian's room that they may be more conveniently consulted by the teachers. The library has a respectable collection of books of this nature, and it is hoped that a well-equipped and exhaustive department of pedagogical works, with the co-operation of the superintendent of schools, may be collected.

A printed catalogue of all the books in the school department would be a great convenience to the teachers.

Below are the statistics of the department for the year:—

Books in library . . . . .	7,501
Increase during year . . . . .	125
Libraries out . . . . .	160
Libraries delivered during year . . . . .	175
Volumes out . . . . .	6,403
Volumes delivered . . . . .	7,642
Circulation during the year:—	
Fiction . . . . .	52,428
Non-fiction . . . . .	67,764
Total . . . . .	120,192

### Reference and Art Department.

The reference and art department, under the supervision of Miss Mabel E. Bunker, has accomplished its usual amount of work during the year.



Below is given the monthly attendance for the year:—

January	.	.	.	.	.	.	.	.	.	.	844
February	.	.	.	.	.	.	.	.	.	.	1,007
March	.	.	.	.	.	.	.	.	.	.	1,449
April	.	.	.	.	.	.	.	.	.	.	777
May	.	.	.	.	.	.	.	.	.	.	804
June	.	.	.	.	.	.	.	.	.	.	563
July	.	.	.	.	.	.	.	.	.	.	408
August	.	.	.	.	.	.	.	.	.	.	598
September	.	.	.	.	.	.	.	.	.	.	814
October	.	.	.	.	.	.	.	.	.	.	864
November	.	.	.	.	.	.	.	.	.	.	949
December	.	.	.	.	.	.	.	.	.	.	1,032
Total											10,109
Number of visitors to the Art Room	.	.	.	.	.	.	.	.	.	.	209
“ “ “ “ Americana Room	.	.	.	.	.	.	.	.	.	.	186
Total											395
Number of volumes in Reference and Art Department	.	.	.	.	.	.	.	.	.	.	9,705
Increase during year	.	.	.	.	.	.	.	.	.	.	292

During the year there have been seventeen art exhibitions, as follows:—

Florence, No. 1, Piazza della Signoria and Piazza del Duomo.  
 Ireland, No. 1, Cork to Killarney.  
 Famous Pictures, No. 6.  
 Alinari photographs of Foreign Architecture (our collection).  
 Sargent's Works.  
 Florence, No. 4.  
 Greece, No. 1.  
 Greece, No. 2.  
 Japan, No. 3, Nikko.  
 Representative Art of Our Time.  
 The Hundred Most Eminent Men of All Time.  
 Norway, No. 2.  
 Shakespeare, No. 2.  
 Rome, No. 2, Pt. 1.  
 Rome, No. 2, Pt. 2.  
 Japan, No. 1.  
 Walter Crane, No. 2, Art for the Nursery.

Some of the books purchased during the year for this department:—

Brinton, Christian, Modern Artists.  
 Catalogue of the Gardiner Greene Hubbard Collection of Engravings.  
 Cortissoz, Royal, Augustus Saint-Gaudens.  
 Die Galerien Europas, 2v.  
 Gibbey, Sir Walter, George Morland, His Life and Work.  
 Gartmann, Sadakichi, Shakespeare in Art.  
 History of All Nations, 24v.  
 Klassiker der Kunst, 2v.  
 LeMoyne, L. V., Country Residences in Europe and America.  
 McClellan, Elizabeth, Historic Dress in America.  
 McKay, William D., Scottish School of Painting.  
 Meister der Farbe, 1904, 1905, 1907.  
 Modern Engineering Practice, 10v.  
 Original Journals of the Lewis and Clark Expedition, 8v.  
 Pennell, E. R. and J., Life of James McNeill Whistler, 2v.  
 Pope, C. H., Pioneers of Maine and New Hampshire, 1632 to 1660.  
 Ridpath, J. C., Great Races of Mankind, 8v.

The reference room is becoming uncomfortably crowded, and no space for the natural and regular development of the department is available. This matter should certainly be considered seriously during the coming year. If the building were sufficiently strong an upper story, reached by a winding staircase, might be added to the shelving around the room. There is some structural weakness in the room, however. But it ought not to be beyond the power of architect and carpenter to remedy this.

### The Children's Department.

The children's department, under the supervision of Miss Anna L. Stone, has shown a healthy growth during the year. The circulation of this room has been 79,750, of which 64,185 have been fiction and 15,565 other works.

As I have recommended in previous reports great annoyance could be saved the patrons of our general reading room if a direct entrance to our children's room could be made from the outside. The noise and confusion in this room, caused by the passage of the children up and down the stairway, are a source of considerable vexation to the patrons of the room, and some emphatic complaints have been made.

### General Work.

The general work of the library, under the supervision of Miss Florence D. Hurter, has grown in volume and has been carried forward with satisfaction.

The general circulation figures of the year are as follows:—

	Fiction.	Other Works.	Total.
January . . . . .	28,045	13,129	41,174
February . . . . .	27,040	13,421	40,461
March . . . . .	36,648	18,198	54,846
April . . . . .	27,890	12,990	40,880
May . . . . .	26,465	12,344	38,809
June . . . . .	27,123	10,532	37,655
July . . . . .	19,412	3,496	22,908
August . . . . .	18,176	3,514	21,690
September . . . . .	22,348	5,981	28,329
October . . . . .	23,957	10,902	34,859
November . . . . .	26,847	12,472	39,319
December . . . . .	32,273	15,021	47,294
Totals . . . . .	316,224	132,000	448,224

Last year the circulation was 419,539; there is consequently a net increase the current year of 28,685, or about 6.83 per cent.

Below is given our shelf circulation figures (books delivered from library shelves):—

	Fiction.	Other Works.	Total.
January . . . . .	14,932	5,473	20,405
February . . . . .	15,010	6,006	21,016
March . . . . .	22,091	8,394	30,485
April . . . . .	15,371	5,220	20,591
May . . . . .	13,665	4,545	18,210
June . . . . .	16,167	4,810	20,977
July . . . . .	13,394	3,220	16,614
August . . . . .	12,718	3,250	15,968
September . . . . .	14,879	4,514	19,393
October . . . . .	13,204	4,903	18,112
November . . . . .	14,749	5,464	20,213
December . . . . .	18,001	6,457	24,458
Totals . . . . .	184,181	62,261	246,442

Below is given our circulation by classes, exclusive of fiction:—

General works . . . . .	9,016
Philosophy . . . . .	1,571
Religion . . . . .	7,572
Sociology . . . . .	24,387
Philology . . . . .	1,289
Natural science . . . . .	15,347
Useful arts . . . . .	5,411
Fine arts . . . . .	7,135
Literature . . . . .	16,348
History . . . . .	28,359
Total of general delivery . . . . .	116,435
Delivered from children's room . . . . .	15,565
Total of other works . . . . .	132,000
Fiction . . . . .	316,224
Other works . . . . .	132,000
Total . . . . .	448,224
Percentage, fiction . . . . .	70.55%
“ other works . . . . .	29.45%

Below is a table of circulation of the different agencies during the year:—

Agencies.	Teale Square.	West Somerville.	East Somerville.	South Somerville.	Union Square.	Highland.
January . . . .	245	254	17	142	14	20
Shelves . . . .	1,080	1,632	1,526		324	993
February . . . .	247	249	12	157	11	16
Shelves . . . .	1,173	1,675	1,597		332	935
March . . . .	376	423	16	197	14	13
Shelves . . . .	1,453	2,221	1,397		455	1,314
April . . . .	260	355	12	194	10	14
Shelves . . . .	1,080	1,695	1,468		367	981
May . . . .	241	370	11	172	9	15
Shelves . . . .	970	1,533	771		363	634
June . . . .	311	347	18	254	15	14
Shelves . . . .	1,132	1,836	1,055		444	1,127
July . . . .	218	301	14	121	9	10
Shelves . . . .	884	1,328	743		336	855
August . . . .	183	236	2	142	3	3
Shelves . . . .	1,027	1,384	704		363	753
September . . . .	213	279	6	234	9	10
Shelves . . . .	1,104	1,784	837		530	961
October . . . .	192	248	5	181	6	3
Shelves . . . .	1,004	1,495	754		365	855
November . . . .	184	269	2	194	7	3
Shelves . . . .	1,040	1,412	812		344	872
December . . . .	225	269	4	202	2	1
Shelves . . . .	1,162	1,669	891		341	916
Totals . . . .	15,984	23,264	12,674	2,190	4,673	11,318
Grand Total . . . .						70,103

Below is the statistical statement of the general work of the year:—

Accession number . . . .	99,196
Volumes in library . . . .	82,879
Main library . . . .	4,958
Volumes added, branch library . . . .	1,347
	6,305
Total circulation . . . .	448,224
Shelf " . . . .	246,442



Delivered from children's room . . . . .	79,750
“ “ Teele Square agency . . . . .	2,875
“ “ “ shelves . . . . .	13,109
“ “ West Somerville agency . . . . .	3,600
“ “ “ shelves . . . . .	19,664
“ “ East Somerville agency . . . . .	119
“ “ “ shelves . . . . .	12,555
“ “ South Somerville agency . . . . .	2,190
“ “ Union Square agency . . . . .	109
“ “ “ shelves . . . . .	4,564
“ “ Highland agency . . . . .	122
“ “ “ shelves . . . . .	11,196
“ “ Knapp school . . . . .	1,390
Volumes delivered to school libraries . . . . .	7,642
“ “ “ Sunday school libraries . . . . .	1,469
Visitors in reference room . . . . .	10,109
Cards issued . . . . .	11,173
Received, fines . . . . .	\$1,011 45
“ books . . . . .	140 42
“ telephone . . . . .	11 85
Total . . . . .	\$1,163 72
By sundry expenses . . . . .	\$300 52
“ cash to City Treasurer . . . . .	863 20
Total . . . . .	\$1,163 72

During the year 426 vacation cards were issued, on which 2,420 books were taken out, 2,072 being fiction and 348 other works. Six hundred and seventeen books were delivered to the homes of the people by two delivery boys. Thirty-five sets of stereographs are now owned by the library. The circulation of these sets during the year amounted to 1,093.

The following Sunday schools take books from the library: Broadway Congregational, Flint-street Methodist, Perkins-street Baptist, Prospect-hill Congregational, Second Unitarian, West Somerville Baptist, Winter-hill Congregational, Winter-hill Universalist, Park-avenue Methodist, Second Advent, Highland Congregational, and the Bow-street Methodist. 1,469 books were delivered by the Sunday schools mentioned, of which 1,268 were fiction and 201 other works.

Books are also sent to the Y. M. C. A., the Somerville Boys' club, the Somerville hospital, and to the police station.

#### New Registration.

During the past five weeks the library has been making a new registration. This is a work of considerable difficulty, and a work requiring a long period of time for its completion. Of course in a growing library it is indeed never completed. It is a work, however, that ought to be done at least once in five years. Even when it is done as frequently as this our registration must necessarily carry the names of many people who are no longer borrowers of books, of many persons who are not residents, and a very considerable number who are dead. It is,

in fact, an impossibility to tell the exact number of the active users of the public library at any given time. The highest number under our old registration, which was a continuous registration for five years, was 28,619. The number of our present registration is 7,585. It would be safe to say, in view of these two figures, that the number of actual users of the library has never exceeded 20,000. Reckoning the population of Somerville as 70,000, then only two-sevenths of our population are ever actual card-holders at one time. The circulation of the Somerville public library is very high in proportion to the city population. But it is a significant fact that in a library with a very large circulation, as circulations run, only two-sevenths of the population are card-holders. The question is inevitable: Are public libraries really doing the good in their respective communities that they ought to do? It seems to me that a much larger proportion of the population ought to be reached.

#### **Decreasing Expenditure for Books.**

This public library has reached a critical stage in its history. The expenses are increasing at a much faster ratio than its income. I see no way, however, in which they can be materially decreased. The salaries are certainly moderate, and are indeed considerably less than in many other libraries doing a like amount of business. But the constant growth of the library entails a constantly-increasing expense. Thus the expense for binding in 1904 was \$1,645.40. The expense for 1908 was \$3,680.53, an increase in four years of \$2,035.13. I see no reason why this ratio of increase should not continue for some time. As the running expenses of the library must be met, and as there is no item which can be materially reduced, except the item for books, it follows that unless there is a progressive increase of appropriation there must be a progressive decrease in the number of books purchased. And this has actually been the case. In 1904 \$7,209.90 was expended for books and periodicals, and in 1908 only \$5,007.18 was available for this important item. So it can be seen that the library during the present year was obliged to curtail its purchase of books to a sum of \$2,202.72 less than the sum expended four years ago.

Now it is the main essential business of a public library to buy books for the public, and a library that steadily and regularly decreases the amount of its book expenditure is surely becoming less efficient every year in the work which it was especially established to do. It is a matter of very serious regret that such a condition of affairs has to be reported, and it is earnestly hoped that larger appropriations in the future will enable us to reverse this retrograde movement.

The library has received the following donations of books and pamphlets during the past year:—

### List of Donations.

	Vols.	Pamph.
Allen, George W. . . . .	1	
Boston Transit Commission . . . . .	1	
Bradley, Charles . . . . .	1	
Braybrook, Albert A. . . . .		1
Buffum, George T. . . . .	1	
Canada, Department of Agriculture. . . . .	1	
Carnegie Institute . . . . .	1	
Clark, Frank H. . . . .	2	1
Clough, George M. . . . .	14	
Coolidge, A. C. . . . .	1	
Cutler, S. Newton . . . . .	2	
DeBenneville, James S. . . . .	1	
Dusseault, John H. . . . .	1	
Fitchburg, Mass. . . . .	1	
Goss, George H. . . . .	6	
Greene, Rev. J. M., D. D. . . . .	1	
Hadley, S. Henry . . . . . (music)	76	
Haley, Mary . . . . .	1	
Hansell, Mrs. E. P. Evans . . . . .	1	
Harvard University . . . . .	1	
Lake Mohonk Conference . . . . .	1	
Lamb, Fred W. . . . .		1
Lambert, Anna M. . . . .		1
Library of Congress . . . . .	2	
Loring, Ernest J. . . . .	4	
Marks, Harold . . . . .	1	
Massachusetts . . . . .	36	2
Massachusetts Civil Service Reform Association . . . . .		3
Merchants' Association of New York . . . . .		1
Middlesex County . . . . .	1	
Montville, T. . . . .	2	
Murray, Thomas Hamilton . . . . .	1	
Peaslee, John B. . . . .	1	
Pendergast, Mrs. Ella Worth . . . . .	1	
Playground Association . . . . .		2
Powers, Rev. L. M., D. D. . . . .	1	
Raymond, Professor George L. . . . .	3	
Sanborn, Mrs. Carrie A. . . . .	1	
Smith, John F. . . . .	1	
Smithsonian Institution . . . . .	1	
Southworth, Gordon A. . . . .	1	
Sturgis, R. Clipston . . . . .	1	
United States . . . . .	10	4
Webster, Miss E. S. . . . .	1	
Williams & Wilkins Co. . . . .	1	
Totals . . . . .	185	16

**Conclusion.**

During the past ten years the library's circulation has increased from 212,817 to 448,224. A children's department, a school department, and a reference department, open during regular hours, have been established. The library has been opened every evening in the week, instead of Wednesday and Saturday evenings, as formerly. The reading rooms have also been opened Sunday afternoons. A music department, which has been generally patronized, has been established. The total number of books in the library has increased from 40,902 to 82,879. The accession number has increased from 44,307 to 99,196. A reading committee to examine the new novels has been appointed. The system for issuing vacation cards for people on their summer outings has been in operation several years, to the great satisfaction of our patrons. A system of free access to all the circulating books of the library has been inaugurated, and has now been in operation several years. A complete new card catalogue of the entire library, with separate card catalogues for the children's room and the reference department, has been installed. The age limit for card holders has been removed. The policy of loaning books to the Sunday schools to the limit of 100 to a school has been adopted. A new addition nearly doubling the capacity of the library has been added to the library building, and a \$25,000 branch library, the gift of Andrew Carnegie, will be ready for occupancy early in the coming year. Our growth and development in many ways has been unusual, and, if adequate means of doing our increased work is supplied, a greater epoch of usefulness is surely ahead of us.

In a more than perfunctory and conventional way, I wish to thank the members of the staff for their faithfulness, and all the members of your board for your kindness and co-operation.

SAM WALTER FOSS,

Librarian.

December 29, 1908.



## BOARD OF HEALTH.

1908.

ALLEN F. CARPENTER, Chairman,  
WESLEY T. LEE, M. D.,  
ZEBEDEE E. CLIFF.

### OFFICERS OF THE BOARD OF HEALTH.

WILLIAM P. MITCHELL, Clerk and Agent to Issue Burial Permits.  
CALEB A. PAGE, Agent.  
FRANK L. MORSE, M. D., Medical Inspector.  
CHARLES M. BERRY, Inspector of Animals and Provisions.  
JULIUS E. RICHARDSON, Milk Inspector.  
DUNCAN C. GREENE, Plumbing Inspector.  
EDGAR T. MAYHEW, Superintendent Collection of Ashes and  
Offal.

## REPORT OF THE BOARD OF HEALTH.

OFFICE OF THE BOARD OF HEALTH, }  
City Hall, January 1, 1909.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—We respectfully submit the following as the thirty-first annual report of the board of health, in which is presented a statement, tabulated and otherwise, of the sanitary condition of the city and the business of the board for the year ending December 31, 1908:—

### Nuisances.

A record of nuisances abated during the year, in compliance with notices issued by the board, or under the board's direction, is presented in the following table:—

#### NUISANCES ABATED IN THE CITY IN 1908.

Bakery offensive . . . . .	7
Barber shops . . . . .	2
Bread left on steps . . . . .	2
Cellar damp . . . . .	16
Cesspool offensive . . . . .	2
Cow barn offensive . . . . .	12
Cows kept without license . . . . .	3
Dogs in house . . . . .	4
Drainage defective . . . . .	26
Drainage emptying into cellar . . . . .	12
Drainage emptying on surface . . . . .	7
Fish offal . . . . .	4
Gas from power house . . . . .	1
Goats kept without license . . . . .	1
Hens in cellar . . . . .	10
Hennery offensive . . . . .	13
Hens without permit . . . . .	15
Horses without permit . . . . .	3
Manure exposed and offensive . . . . .	21
Manure pit defective . . . . .	15
Offal on land . . . . .	11
Offensive odor in and about dwellings . . . . .	9
Pigeons in house . . . . .	1
Pigs kept without license . . . . .	7
Premises dirty . . . . .	87
Privy-vault offensive . . . . .	3
Rubbish in cellar . . . . .	19
Slops thrown on surface . . . . .	6
Stable infected with glanders . . . . .	63
Stable and stable premises filthy and offensive . . . . .	23
Stable without drainage . . . . .	8
Stagnant water on surface . . . . .	5
Water-closet defective . . . . .	24
Water under stable . . . . .	3
Total . . . . .	445

Number of nuisances abated . . . . .	445
Number of nuisances referred to board of 1908 . . . . .	7
Number of nuisances complained of . . . . .	452
Number of complaints (many covering more than one nuisance) . . . . .	391

In addition to the above, 382 dead animals have been removed from the public streets, and many nuisances have been abated on verbal notice from the agent, without action by the board, of which no record has been made. Each spring the whole city is examined, and cellars, yards, and alleyways where rubbish and filth have collected are required to be cleaned.

*Glanders.*—Sixty-three cases of glanders have been reported during the year. Prompt action was taken in every case, and fifty-eight of the horses were killed, five being released from quarantine by order of the cattle commissioners.

#### Permits.

The record of permits to keep cows, swine, goats, and hens, to collect grease, and to remove manure is as follows:—

*Cows.*—Thirty-four applications were received for permits to keep ninety-three cows. Thirty-three permits to keep eighty-six cows were granted, and one permit was refused.

*Swine.*—Seventeen applications were received for permits to keep thirty-three swine. Sixteen permits were granted to keep thirty swine, and one permit was refused. The fee is one dollar for each swine.

*Goats.*—One application was received for a permit to keep two goats, which permit was granted. The fee is one dollar for each goat.

*Hens.*—Eighty-six applications for permits to keep 1,879 hens were received. Sixty-three permits to keep 1,579 hens were granted, and twenty-three permits were refused.

*Grease.*—Twelve applications were received for permits to collect grease, all of which were granted. The fee is two dollars. Four of the parties licensed reside in Somerville, two in Charlestown, two in Cambridge, three in Boston, and one in Chelsea.

*Manure.*—One permit was issued during the year for the carting of manure through the streets of the city in the daytime between May 1 and November 1. All permits issued for the removal of manure from the stables in the city in the daytime, or for carting through the streets of the city, remain in force until revoked. No fee is charged for these permits.

*Melting and Rendering.*—Four parties have been licensed to carry on the business of melting and rendering, under the provisions of the revised laws of 1902, chapter 75, section 111.

### **Pedlers.**

Two hundred and seventy-two certificates of registration were issued to hawkers and pedlers during the year under the provisions of ordinance number 27—an increase of 156 over the year 1907. One hundred and forty-eight certificates have been renewed during the year. Each pedler is required to present a statement from the sealer of weights and measures, showing that his measures have been properly sealed, before a certificate is issued to him. Pedlers are also required to present their vehicles at the police station the first Monday of each month for inspection by the agent of the board, that he may see if they are kept in a clean condition, and are properly marked with the owner's name and number.

### **Ashes and Offal.**

The collection and disposal of ashes, garbage, and other refuse materials is under the control of the board of health, and a competent superintendent is employed to take charge of this department.

To do this work seventy men are employed, and the department owns and uses thirty-four horses, twenty ash carts, five paper wagons, and thirteen garbage wagons.

*Ashes.*—The ashes and non-combustible materials are deposited upon the city dumps at Winter Hill and West Somerville. The combustible materials are burned in the incinerator which was built last year near the city stables, except those materials which can be sold at a profit, such as clean paper, rags, and bottles.

During the year 48,271 loads of ashes and 3,260 loads of refuse material have been collected and disposed of.

Collections are made weekly, and the districts and days of collection are as follows:—

#### **MONDAY, DISTRICT NO. 1.**

Comprises the entire area extending easterly to the cities of Boston and Cambridge, from a line drawn across Somerville, commencing on Mystic avenue, and extending through Cross street, Central square, Medford street, Washington street, Prospect street, Webster avenue, Tremont street to the Cambridge line, and including collection on both sides of the above-named streets along the division line described.

#### **TUESDAY, DISTRICT NO. 2.**

Comprises the entire area extending westerly from the previously-described district number 1 to a line drawn across the city, commencing on Mystic avenue, and extending through Wheatland street, across Broadway, through Walnut street, and extending across Bow street and Somerville avenue, through Hawkins street, Washington street, Perry street, Wyatt street, Concord avenue, crossing Beacon street to the Cambridge line, and including collection on both sides of the above-named streets along the division line described.



## WEDNESDAY, DISTRICT NO. 3.

Comprises the entire area extending westerly from the previously-described district number 2, to a line drawn across the city, commencing at the Medford boundary line at Main street, and extending easterly along said Main street, across Broadway, through Sycamore street, thence easterly on Highland avenue, through School street, thence westerly on Somerville avenue, through Dane street and Washington street to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

## THURSDAY, DISTRICT NO. 4.

Comprises the entire area extending westerly from the previously-described district number 3, to a line drawn across the city, commencing at the Medford line at Magoun square, and extending on Medford street to Lowell street, thence easterly on Somerville avenue and through Park street to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

## FRIDAY, DISTRICT NO. 5.

Comprises the entire area extending westerly from the previously-described district number 4, to a line drawn across the city, commencing on Broadway, and extending through Willow avenue to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

## SATURDAY, DISTRICT NO. 6.

Comprises the entire area extending westerly from Willow avenue to the Medford, Arlington, and Cambridge lines.

RULES AND REGULATIONS FOR COLLECTION OF ASHES  
AND OFFAL.

Chapters six and seven of the revised regulations of 1908 read as follows:—

## CHAPTER VI.

## HOUSE-OFFAL.

*Section 1. How to Be Kept.*—All house-offal and refuse animal or vegetable substances shall be placed in suitable water-tight vessels and kept in some convenient place, to be removed by the persons duly authorized for that purpose by the board of health. Such vessels shall be kept covered, and shall not be permitted to become offensive.

*Section 2. Not to be Removed Without Permit or Contract.*—No person shall remove or carry in or through any street, avenue, square, court, lane, place, or alley, within the city, any house-offal, or any offensive animal or vegetable substance unless employed or authorized so to do by the board of health, nor in any manner except such as authorized by said board.

## CHAPTER VII.

## ASHES, RUBBISH, AND HOUSE-DIRT.

*Section 1. Removal of, Etc.*—Ashes, rubbish, house-dirt, and other refuse materials will be removed by the board of health wagons on such days as the board shall from time to time designate by notices left at the dwellings or otherwise, and under the following conditions:—

Ashes, glass, metal, and other non-combustible waste materials must be put in suitable receptacles not larger than an ordinary flour barrel, and must be kept free from all other refuse matter.

All combustible waste materials, such as paper, rags, excelsior, straw, etc., must be kept free from non-combustible matter and garbage, and placed in suitable packages or barrels to prevent being scattered in handling.

All refuse matter for removal must be placed on the outer edge of the sidewalk opposite the dwelling from which it comes before the time that the board of health wagons are expected to make collections. No wagon, having passed through the street, will be sent back to collect materials not put out before its regular arrival.

Earth, gravel, bricks, mortar, stones, lime, plaster, cement, concrete, or refuse material from repairs or construction of buildings will not be removed by the board of health wagons.

Tree trimmings, vine cuttings, and yard cleanings will be removed during the spring and summer months.

Employees of this department are not allowed to enter cellars, cellar-ways, bulkheads, or areas for the removal of refuse material.

No person shall overhaul the contents of receptacles for waste material set upon the sidewalks to be removed by the board of health.

*Section 2. Dumping of Ashes and Refuse Materials.*—No person owning or occupying any premises within the limits of the city of Somerville, and no city officer controlling or in charge of city premises, shall cause any ashes or refuse material to be placed thereon, or shall allow such premises to be used as a public dump for ashes, refuse, or other material without a permit from the board of health, and only in accordance with such permit.

*Section 3. Filling of Premises with Waste, Ashes, or Rubbish.*—Any person owning or occupying any premises within this city, and desiring to fill such premises with dry waste, ashes, or rubbish, shall make written application to the board of health, describing the land and the filling material proposed, and the sources from which he proposes to obtain the material.

*Offal.*—During the year the board has continued to dispose of the city offal at its garbage plant adjacent to the city stables. This offal is sold direct to farmers and others, and is handled in a thoroughly sanitary and satisfactory manner. The demand for the garbage has exceeded the supply, and in its disposal there has been an entire absence of objectionable features. The financial returns to the city are large.

During the year 7,916 loads of offal have been collected.

Two collections are made in each district weekly, and during the summer months an extra collection is made at hotels, stores, and other establishments producing large quantities of offal.

#### Stables.

Under the provisions of sections 69 and 70 of chapter 102 of the revised laws of 1902, thirteen petitions for licenses to erect and use stables were received and disposed of as follows:—

Number granted . . . . .	9
Number refused . . . . .	4

**Board of Infants.**

Fourteen parties, whose applications were first approved by this board, have been licensed by the state board of charity to care for thirty children, in this city, under the provisions of chapter 83 of the revised laws of 1902.

**Deaths.**

There were 903 deaths and seventy stillbirths in the city during the year, as specified in the following table, which shows a decrease of deaths from the previous year of ninety-four:—

Deaths at Somerville hospital during the year . . . . .	52
Deaths at Cherry-street hospital . . . . .	2
Deaths at hospital for contagious diseases . . . . .	7
Deaths at home for aged poor (Highland avenue), . . . . .	40
Deaths at City home . . . . .	5

**DEATHS BY AGES.**

AGES.	Total.	Male.	Female.
Under one . . . . .	178	111	67
One to two . . . . .	36	21	15
Two to three. . . . .	14	9	5
Three to four . . . . .	6	5	1
Four to five . . . . .	7	2	5
Five to ten . . . . .	24	12	12
Ten to fifteen . . . . .	13	6	7
Fifteen to twenty . . . . .	18	8	10
Twenty to thirty . . . . .	44	22	22
Thirty to forty . . . . .	72	35	37
Forty to fifty . . . . .	53	20	33
Fifty to sixty . . . . .	85	37	48
Sixty to seventy . . . . .	132	58	74
Seventy to eighty . . . . .	153	58	95
Eighty to ninety . . . . .	58	23	35
Ninety and over . . . . .	10	2	8
Total . . . . .	903	429	474

Of the stillborn, 42 were males and 28 females.







## MORTALITY IN SOMERVILLE IN 1908. — Concluded.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<b>V. DISEASES OF THE DIGESTIVE SYSTEM.</b>													
Acute indigestion . . . . .					1		1	2					4
Colitis . . . . .							1	3	1	1	1	1	8
Gastritis . . . . .			2		1	1	1			2	1		8
Peritonitis . . . . .			2	1				1				1	5
Diarrhœa . . . . .							1	1		1			3
Cholera infantum . . . . .						1	3		3	2			14
Ptomaine poisoning . . . . .							1	1					2
Gastric ulcer . . . . .							1		1				2
Enteritis . . . . .	1		1		1	1	3	3	4	2	2	1	19
Hernia . . . . .											1		1
Intestinal obstruction . . . . .				2		1		1	1				5
Abcess of gall bladder . . . . .					1								1
Appendicitis . . . . .					1		1		1		1		4
Cirrhosis liver . . . . .	1			1						1			3
Gall stones . . . . .	1	1											2
Hepatitis . . . . .							1			1			2
<b>VI. DISEASES OF GENITO-URINARY SYSTEM.</b>													
Bright's disease . . . . .	1				1	2	1	1	1	1		1	9
Cystitis . . . . .				1	1		1					1	4
Nephritis . . . . .	2	8	3	2	6	4	5	3	6	7	5	7	58
Pyelitis . . . . .							1			1			2
<b>VII. CHILDBIRTH.</b>													
Childbirth . . . . .	2		1		1	1						1	6
<b>VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.</b>													
Abscess . . . . .		1	1		1								3
Gangrene . . . . .			1	1						1	1		4
Pemphigus . . . . .								1					1
<b>IX. MALFORMATIONS.</b>													
Hydrocephalus . . . . .										1	1		2
Malformation . . . . .	1			1			1				2	1	6
<b>X. EARLY INFANCY.</b>													
Marasmus . . . . .	1		1		1		1	1	3	2	1	1	12
Inanition . . . . .	1	2				1				2		2	8
Asphyxia neonatorum . . . . .		1		1	1								3
Premature birth and congenital debility . . . . .	2	3	3	1	4	3	3	2	2	1	1	3	28
<b>XI. OLD AGE.</b>													
Old age . . . . .	1	2	2		4			1	1	2			13
Senile dementia . . . . .				1			1					1	3
Arterio-sclerosis . . . . .	1	1	3	2	1				2		2	1	13
<b>XII. VIOLENCE.</b>													
Alcoholism . . . . .			1					1					2
Drowning . . . . .			1										1
Railroad . . . . .	1					1							2
Suicide . . . . .		1					2	1		1		1	6
Burning . . . . .								1		1		1	3
Suffocation . . . . .		1	1										2
Fracture of hip . . . . .						1	1						2
Fracture of skull . . . . .				2		2							4
Fracture of ribs . . . . .					1								1
Fracture of thigh . . . . .									1				1
Bullet wound . . . . .			2									1	3
Injury to head . . . . .		1	1							1			3
Shock from operation on palate . . . . .				1									1
Shock from fall . . . . .									1				1
Total . . . . .	81	82	80	68	78	77	65	75	63	78	76	80	903
Stillborn . . . . .	6	3	7	10	6	0	6	7	2	5	9	9	70

Population (estimated) . . . . . 75,500

Death rate per thousand . . . . . 11.96

**Social Relations of Decedents.**

Married . . . . .	298
Single . . . . .	393
Widow . . . . .	152
Widower . . . . .	58
Divorced . . . . .	2
Unknown . . . . .	0
Total . . . . .	903

**Nativity of Decedents.**

Somerville . . . . .	238
Massachusetts . . . . .	226
Other New England states . . . . .	132
Other states . . . . .	26
Canada . . . . .	78
England, Scotland, and Wales . . . . .	35
Ireland . . . . .	132
Italy . . . . .	9
Norway and Sweden . . . . .	8
Russia . . . . .	3
Other countries . . . . .	14
Unknown . . . . .	2
Total . . . . .	903

**Nativity of Parents of Decedents.**

	Father.	Mother.
Somerville . . . . .	21	18
Massachusetts . . . . .	145	170
Other New England states . . . . .	157	151
Other states . . . . .	20	27
Canada and provinces . . . . .	110	122
England, Scotland, and Wales . . . . .	70	61
Ireland . . . . .	255	251
Italy . . . . .	31	28
Norway and Sweden . . . . .	18	17
Russia . . . . .	9	8
Other countries . . . . .	47	33
Unknown . . . . .	20	17
Total . . . . .	903	903

Of the parents of the stillborn, 35 fathers and 30 mothers were natives of the United States, and 35 fathers and 40 mothers were of foreign birth.

**Diseases Dangerous to the Public Health.**

This board has adjudged that the diseases known as actinomycosis, Asiatic cholera, cerebro-spinal meningitis, diphtheria, glanders, leprosy, malignant pustule, measles, scarlet fever, smallpox, tetanus, trichinosis, tuberculosis, typhoid fever, typhus fever, varicella, whooping-cough, and yellow fever are infectious, or contagious, and dangerous to the public health and safety within the meaning of the statutes. Physicians are required to report immediately to the board every case of either of these diseases coming under their care, and postal cards con-

veniently printed and addressed are supplied to them for the purpose. On receipt of a card from a physician, the superintendent of schools, the principal of the school in the district in which the patient resides, and the librarian of the public library are notified, and state board of health.

*Scarlet Fever.*—Two hundred eighty-three cases of scarlet fever have been reported during the year, four of which resulted fatally. In 1907 there were 400 cases, twelve of which resulted fatally.

*Diphtheria.*—Two hundred seventy-eight cases of diphtheria have been reported during the year, eleven of which were fatal. In 1907 there were 194 cases, nine of which proved fatal. Anti-toxin has been provided by the state board of health, and placed by this board in central locations for use by physicians in cases where people are unable to purchase the same. Culture tubes for diphtheria and sputum bottles for suspected tuberculosis have been obtainable at the same stations.

Warning cards are used in dealing with scarlet fever and with diphtheria, and the premises are fumigated by the use of the formaldehyde gas regenerator, immediately after the termination of the case. An inspection is made by the agent of the board of the premises where diphtheria is reported, and all sanitary defects discovered are required to be remedied as soon as possible.

*Tuberculosis.*—One hundred thirty-six cases of tuberculosis have been reported during the year. There were seventy-one deaths from this disease.

*Typhoid Fever.*—Sixty-four cases of typhoid fever have been reported during the year, nine of which have proved fatal. In 1907 there were ninety-one cases reported, eleven of which were fatal.

*Typhus Fever, Cholera.*—No cases of typhus fever or cholera have been reported the past year.

*Smallpox.*—No case of smallpox has been reported during the year.

Number of cases of scarlet fever and diphtheria for which houses	
were placarded	561
Number of premises disinfected by agent	960

### Disinfection.

It will be seen by the foregoing figures that, in addition to the 561 premises infected with scarlet fever or diphtheria, 399 other premises were disinfected. Forty-eight disinfections were made at the request of attending physicians whose patients had been ill with typhoid fever or cancer. One hundred and eighty-three schoolrooms were disinfected, 124 for scarlet fever, fifty-nine for diphtheria, and 168 premises for tuberculosis, in compliance with the regulations passed by this board.

Many library books have also been disinfected, and quantities of infected bedding and other material have been burned.

## TABLES.

The prevalence of scarlet fever, diphtheria, and typhoid fever in the city during the several months of the year 1908 is shown by the following table, and in the table next following is given the number of deaths from these three diseases, by months, during the last ten years:—

## Scarlet Fever, Diphtheria, and Typhoid Fever Reported in 1908.

MONTHS.	SCARLET FEVER.			DIPHTHERIA.			TYPHOID FEVER.		
	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.
January . . .	33	....	....	22	1	4.5	1	1	100.0
February . . .	16	....	....	10	....	....	....	....	....
March . . . .	13	1	7.7	22	1	4.5	2	....	....
April . . . .	21	....	....	12	2	16.6	3	1	33.3
May . . . . .	19	1	5.3	17	1	5.9	5	2	40.0
June . . . . .	12	....	....	14	....	....	5	1	20.0
July . . . . .	2	....	....	12	1	8.3	9	1	11.1
August . . . .	14	....	....	20	1	5.0	7	....	....
September . .	16	....	....	13	....	....	10	1	10.0
October . . .	30	1	3.3	40	....	....	6	1	16.6
November . .	61	1	1.6	34	2	5.9	13	1	7.7
December . .	46	....	....	62	2	3.2	3	....	....
Total . . . .	283	4	1.4	278	11	3.9	64	9	14.1

## Deaths from Scarlet Fever, Diphtheria, and Typhoid Fever in the Last Ten Years.

MONTHS.	SCARLET FEVER.										DIPHTHERIA.										TYPHOID FEVER.									
	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.
January . . .	..	..	..	..	4	..	..	..	3	..	1	7	10	4	1	3	3	..	1	1	1	..	1	..	3	1	..	..	1	1
February . .	..	1	4	1	2	1	1	..	2	..	2	1	4	..	2	3	2	2	..	..	1	1	2	..	1	..	..	1	..	..
March . . .	..	..	1	..	..	1	1	..	1	..	..	5	2	..	3	..	..	..	..	..	..	1	..	1	1	1	1	..	..	..
April . . . .	..	2	..	..	..	..	..	1	..	..	..	..	1	..	1	1	5	..	..	..	1	..	..	..	..	..	1	3	..	1
May . . . . .	..	..	..	..	..	..	..	1	1	1	1	5	3	2	2	3	1	2	1	1	1	1	..	..	1	1	..	..	..	2
June . . . .	..	..	..	..	1	..	1	..	..	..	..	3	1	..	1	1	..	1	..	..	..	..	..	1	1	2	2	1	1	1
July . . . . .	..	..	..	..	..	..	..	..	..	..	..	4	..	1	..	1	..	..	1	1	1	1	..	1	1	1	1	..	..	1
August . . .	..	..	..	..	..	1	..	2	..	..	..	2	1	2	1	..	..	..	..	1	2	1	1	..	2	..	1	1	..	..
September .	..	..	..	..	..	..	..	..	..	..	..	9	1	..	2	..	1	..	..	..	2	1	3	1	2	..	1	1	1	..
October . .	..	1	..	..	..	..	..	..	1	1	1	6	3	2	2	..	2	2	..	..	1	3	1	1	2	..	1	2	4	1
November .	..	2	..	1	..	..	..	..	1	1	1	3	2	3	2	..	3	1	1	2	3	2	..	..	..	3	3	..	3	1
December .	3	1	..	1	3	1	..	..	2	..	5	4	1	5	2	2	3	1	4	2	3	..	3	1	..	1	1	..	..	..
Total . . .	3	7	5	3	10	3	4	1	12	4	11	49	29	19	19	14	17	15	9	11	15	9	12	6	10	11	9	11	11	9



**Table of Deaths During the Last Ten Years.**

Year.	No. of Deaths.	Rate per 1,000.
1899 . . . . .	801	13
1900 . . . . .	967	16
1901 . . . . .	831	13
1902 . . . . .	890	13
1903 . . . . .	955	14
1904 . . . . .	964	14
1905 . . . . .	968	14
1906 . . . . .	1,004	14
1907 . . . . .	997	14
1908 . . . . .	903	12
Average death rate per 1,000 for ten years . . .		14

**Table Showing the Five Principal Causes of Death in Somerville in 1908.**

PNEUMONIA.		HEART DISEASE.		CANCER.		TUBERCULOSIS.		NEPHRITIS.	
Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.
142	18.8	104	13.8	75	9.9	71	9.4	58	7.7

**Hospital for Contagious Diseases.**

The hospital has continued to demonstrate its value to the city during the past year. Many of the cases treated could not have been properly cared for at home, and undoubtedly their removal to the hospital reduced the danger of the spread of the diseases. Additional rooms are needed for nurses and help, besides laundry and storage accommodations, and it is hoped that necessary additions and alterations may be made in the near future.

Miss Nellie J. Van Cor has continued as matron during the year, and has conducted the care of the patients and the business management of the hospital with marked success.

The statistical report is included in the report of the medical inspector.

**Medical Inspection of Schools.**

The medical inspection of the schools of Somerville, which was instituted in December, 1907, has been continued during the year. The value of the system has been constantly demonstrated, and the work has been done in a very satisfactory man-

ner. There has been harmony of action between the board of health and the school board, and the school principals and teachers have very generally co-operated with the inspectors in making the system as successful as possible.

The inspectors make daily visits to the schools under their charge, and to them are referred all children who show evidences of disease or abnormal conditions. Children who are found to be unfit to remain in school are sent home, accompanied by a slip properly filled out advising that the family physician be consulted. The inspectors also make an annual inspection of all the children in the schools, and any defects discovered are called to the attention of the parents. Monthly inspections of the school buildings and premises are made, and suggestions or criticisms are referred to the proper authorities. Every effort is made to protect the health of the children and to co-operate with the parents in keeping the children in as normal a condition as possible.

In accordance with the provisions of the statute, tests of sight and hearing are made by the principals or teachers.

During the year 5,774 children have been referred to the inspectors during their daily visits, and 1,448 have been sent home because of illness.

The following list will show the classes of diseases and defects which have been found in the schools, except defects of sight and hearing:—

#### LIST OF DISEASES AND NUMBER OF CASES REPORTED.

##### 1. Infectious diseases:—

Measles . . . . .	121
Whooping cough . . . . .	49
Chicken pox . . . . .	34
Mumps . . . . .	30
Scarlet fever . . . . .	5
Diphtheria . . . . .	4

Total . . . . .	243
-----------------	-----

##### 2. Diseases of the nose and throat:—

Enlarged tonsils and adenoids . . . . .	600
Inflammatory diseases . . . . .	221
Other abnormal conditions . . . . .	8

Total . . . . .	829
-----------------	-----

##### 3. Diseases of the eyes:—

Inflammatory conditions of the eyes and lids . . . . .	114
Foreign bodies and injuries . . . . .	5
Other abnormal conditions . . . . .	9

Total . . . . .	128
-----------------	-----

##### 4. Diseases of the ears:—

Inflammatory condition . . . . .	24
Other abnormal conditions . . . . .	2

Total . . . . .	26
-----------------	----

## 5. Diseases of the skin:—

Pediculosis . . . . .	1,079
Impetigo . . . . .	67
Scabies . . . . .	48
Eczema . . . . .	43
Tinea . . . . .	17
Herpes . . . . .	16
Miscellaneous conditions . . . . .	110

Total . . . . . 1,380

## 6. Miscellaneous diseases:—

Constitutional diseases . . . . .	24
Diseases of the digestive system . . . . .	112
Diseases of the respiratory system . . . . .	32
Diseases of the circulatory system . . . . .	10
Diseases of the lymphatic system . . . . .	43
Diseases of the nervous system . . . . .	54
Diseases of the urinary system . . . . .	30
Wounds and injuries . . . . .	59
Other conditions . . . . .	73

Total . . . . . 437

Total number of diseases reported . . . 3,043

The districts and inspectors are as follows:—

*District No. 1.*—Prescott, Hanscom, Davis, and Edgerly schools. Inspector, Dr. Francis Shaw, 57 Cross street.

*District No. 2.*—Baxter, Knapp, Perry, and Bell schools. Inspector, Dr. Edward J. Dailey, 5 Summer street.

*District No. 3.*—Bennett, Pope, Cummings, and Proctor schools. Inspector, Dr. L. H. Raymond, 66 Highland avenue.

*District No. 4.*—Morse, Carr, Durell, and Burns schools. Inspector, Dr. W. L. Bond, 322 Highland avenue.

*District No. 5.*—Brown, Bingham, and Forster schools. Inspector, Dr. H. M. Stoodley, 383 Highland avenue.

*District No. 6.*—Lincoln, Hodgkins, Highland, and Lowe schools. Inspector, Dr. H. Cholerton, 396 Highland avenue.

*District No. 7.*—Glines, English High, and Latin High schools. Inspector, Dr. R. F. Gibson, 108 Highland avenue.

*Parochial Schools.*—Inspector, Dr. M. W. White, 42 Bow street.

### Bacteriological Department.

The work of this department was performed by Frank L. Morse, M. D., medical inspector of the board, whose report is appended to this report:—

Specimens will be received at the laboratory at the city hall daily, including Sunday, at any time, and they will be examined and reported upon the morning following their reception.

### SPECIMENS AND ANTI-TOXIN.

Outfits for specimens for tuberculosis, diphtheria, and typhoid fever, and diphtheria anti-toxin and vaccine lymph may be obtained at the laboratory and at the following places:—

Adams Pharmacy, Willow and Highland avenue.

Claude Curtis, 154 Perkins street.

Bay State Pharmacy, 173 Washington street.

Edward E. Edwards, 25 Union square.

Fred W. Gay, 524 Somerville avenue.

Hart Brothers, 263 Highland avenue.

Percy A. Hall, 2 Studio building, Davis square.

Herbert E. Bowman, 529 Medford street, Magoun square.

Eugene B. Carpenter, 10 Broadway.

Julius E. Richardson, 310 Broadway.

Paul S. Eaton, 693 Broadway.

Willis S. Furbush & Co., 1153 Broadway.

After the specimen is collected, it must be taken or sent directly to the laboratory at the city hall.

#### **Undertakers.**

Under the provisions of section 44 of chapter 78 of the revised laws of 1902, eighteen persons have been duly licensed as undertakers.

#### **Examiners of Plumbers.**

The public statutes provide for a board of examiners of plumbers, consisting of a chairman of the board of health, the inspector of buildings, and an expert at plumbing, to be appointed by the board of health. This board appointed Duncan C. Greene, the inspector of plumbing, to fill the place of expert. The number of licenses granted will be found in the report of the inspector of buildings.

#### **Regulations.**

The regulations of the board were printed in 1898. Since that time several new regulations have been adopted, and changes made in those existing, so it was deemed advisable to revise the regulations of the board and bring them up to date. This has been done and the regulations as now in force have been printed and are ready for distribution.

#### **Tuberculosis Exhibition.**

The "Great White Plague," which has ravaged the civilized countries of the world for centuries, is being robbed of its terrors. Within a comparatively few years it has come to be realized that the disease is preventable, and in the great majority of cases curable. A rapidly intensifying world-wide interest is developing along the line of the prevention and cure of tuberculosis, and it is believed by the most eminent authorities that the disease may be practically eliminated as a result of the co-operation of an educated public with a zealous medical profession.

In order that the citizens of Somerville might be impressed with the importance of this matter, and that they might receive practical instruction in the essentials of preventive measures, a



free tuberculosis exhibition was held in Moore hall, Y. M. C. A. building, May 8 to 11. The articles exhibited included charts, models, furniture, photographs, and statistics showing modern methods employed in preventing and treating the disease, all of which were furnished by the Massachusetts Society for the Prevention of Tuberculosis.

Public meetings were held every afternoon and evening during the exhibition, and the speakers included Miss M. Alice Gallagher of Boston, Miss Ellen T. Emerson of Concord, Henry Abrahams of Boston, Rev. Elwood Worcester of the Emmanuel church, and Dr. Herbert C. Clapp of Boston. Mrs. Julia A. Aldrich presided over the women's meeting, Senator Elmer A. Stevens over the men's meeting, and Hon. Charles A. Grimmons over the mass meeting. The meetings were very widely advertised by posters and circulars, and nearly 5,000 persons visited the hall during the exhibition. Arrangements were made so that the teachers and children in the schools visited the exhibition quite generally, and all classes of people were reached through the press, pulpits, and by general advertising.

The exhibition was certainly a marked success, and its influence for good cannot be measured. The board feels that efforts to instruct the citizens in the methods of preventing disease are equally important with those calculated to properly care for diseases after they have developed.

### Financial Statement for 1908.

#### HEALTH DEPARTMENT.

##### CREDIT.

Appropriation . . . . .	\$8,000 00	
Receipts:—		
Milk fees . . . . .	147 18	
Permit fees . . . . .	61 00	
Milk Inspector, sale of machine . . . . .	5 00	
Sundry cities and towns, for care of diseases dangerous to public health in 1907 and 1908 . . . . .	346 34	
Total credit . . . . .		\$8,559 52

##### DEBIT.

Salaries . . . . .	\$5,200 00	
Repairing and painting vehicles . . . . .	55 75	
Repairing regenerator . . . . .	24 00	
Repairing harnesses . . . . .	13 70	
Horse doctoring . . . . .	2 30	
Horseshoeing . . . . .	21 25	
Burying dead animals . . . . .	182 75	
Office expenses, milk inspector . . . . .	202 15	
Books, stationery, printing, and postage . . . . .	146 27	
Bacteriological laboratory . . . . .	131 41	
Board of agent's horse . . . . .	311 50	
Telephones . . . . .	105 76	
Amounts carried forward . . . . .	\$6,396 84	\$8,559 52

Amounts brought forward . . . . .	\$6,396 84	\$3,559 52
Care of diseases dangerous to public health (settlements in Somerville) . . . . .	4,332 63	
Incidentals . . . . .	210 34	
	<hr/>	
Total debit . . . . .		\$10,939 81
		<hr/>
Amount overdrawn . . . . .		\$2,380 29

### Health Department, Collection of Ashes and Offal.

CREDIT.		
Appropriation . . . . .	\$43,000 00	
Transferred from Overlay and Abatement account . . . . .	6,000 00	
Sale of offal, rags, etc. . . . .	8,263 05	
	<hr/>	
Total credit . . . . .		\$57,263 05
DEBIT.		
Salary of superintendent . . . . .	\$1,300 00	
Collection of ashes . . . . .	26,091 35	
Collection of offal . . . . .	18,309 75	
Stable expenses . . . . .	2,240 00	
Two new offal wagons . . . . .	393 00	
Repairing wagons . . . . .	870 90	
Tools and repairing same . . . . .	277 41	
Harnesses and repairing same . . . . .	752 04	
One new horse . . . . .	312 50	
Horse doctoring . . . . .	70 45	
Board of superintendent's horse . . . . .	284 84	
Horseshoeing . . . . .	890 10	
Hay and grain . . . . .	5,997 42	
Incidentals . . . . .	222 26	
	<hr/>	
Total debit . . . . .		\$58,012 02
		<hr/>
Amount overdrawn . . . . .		\$748 97

### Health Department, Hospital for Contagious Diseases.

CREDIT.		
Appropriation . . . . .	\$1,000 00	
Balance unexpended January 1, 1903 . . . . .	935 00	
Receipts:—		
Sundry cities and commonwealth of Mas- sachusetts, for care of patients . . . . .	7,339 14	
Board of Health, patients settled in Som- erville . . . . .	1,860 01	
	<hr/>	
Total credit . . . . .		\$11,184 15
DEBIT.		
Salary of matron . . . . .	\$300 00	
Salary of assistant matron . . . . .	427 54	
Salaries of nurses . . . . .	1,440 27	
Cooks . . . . .	393 90	
Jañitor . . . . .	515 00	
Housework . . . . .	201 43	
	<hr/>	
Amounts carried forward . . . . .	\$3,778 14	\$11,184 15

Amounts brought forward . . . . .	\$3,778 14	\$11,184 15
Laundry and cleaning . . . . .	353 10	
Supplies . . . . .	559 58	
Groceries and provisions . . . . .	1,574 00	
Building new platform and steps . . . . .	200 77	
Incidentals . . . . .	641 10	
	<hr/>	
Total debit . . . . .		\$7,106 69
		<hr/>
Balance unexpended . . . . .		\$4,077 46
Less amount appropriated by city of Somerville . . . . .	\$1,000 00	
Less amount brought forward from 1907 (unexpended) . . . . .	935 00	
Less amount received charged to Board of Health account for care of Somerville patients having settlements in Somerville . . . . .	1,860 01	
	<hr/>	3,795 01
		<hr/>
Net credit . . . . .		\$282 45

#### Health Department, Medical Inspection in the Public Schools.

	CREDIT.	
Appropriation . . . . .		\$1,500 00
	DEBIT.	
Salaries of inspectors . . . . .	\$1,400 00	
Printing . . . . .	11 75	
	<hr/>	
Total debit . . . . .		\$1,411 75
		<hr/>
Balance unexpended . . . . .		\$88 25

#### Appropriations Unexpended.

Health Department, hospital for contagious diseases . . . . .	\$4,077 46	
Health Department, medical inspection in public schools . . . . .	88 25	
	<hr/>	
Total unexpended . . . . .		\$4,165 71

#### Appropriations Overdrawn.

Health Department . . . . .	\$2,380 29	
Health Department, collection of ashes and offal . . . . .	748 97	
	<hr/>	
Total overdrawn . . . . .		\$3,129 26
		<hr/>
Balance unexpended . . . . .		\$1,036 45

ALLEN F. CARPENTER, Chairman,  
 WESLEY T. LEE, M. D.,  
 ZEBEDEE E. CLIFF,  
 Board of Health.

## REPORT OF THE MEDICAL INSPECTOR.

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Somerville, January 10, 1909.

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith present the report of the medical inspector for the year 1908, including the statistics of the contagious disease hospital and the bacteriological laboratory.

**Scarlet Fever.** During the year 283 cases of this disease were reported in the city, a considerable decrease in number over the previous year. Every case has been inspected, before the house was fumigated, and 303 visits were made at residences to determine when desquamation was complete.

**Diphtheria.** During the year 278 cases of diphtheria have been reported in the city, an increase from the previous year, when 194 cases were reported. The same restrictions are placed upon all cases, and before patients are released from quarantine, two successive negative cultures must be obtained. It is optional with the attending physician to take the first culture, but the second must be taken by the medical inspector, and during the year 386 visits were made at houses for this purpose.

**Typhoid Fever.** During the year sixty-four cases of this disease were reported, a decrease of twenty-seven cases from the previous year.

**Tuberculosis.** One hundred and thirty-six cases of tuberculosis were reported during the year, an increase of fifty-three over the year previous. In November, 1906, following a conference with the overseers of the poor, these cases which had been previously cared for medically by the city physician were transferred to the board of health and the medical inspector instructed to care for them, since which time two hundred and thirty-three visits have been made to twenty-one patients.

### Contagious Disease Hospital.

In September, 1906, following a change in the city charter, the city physician, who, up to this time, had treated the cases at the hospital, was relieved of this duty, and the care of the patients transferred to the medical inspector on October 1. During 1908 this arrangement has continued, 421 visits having been made at the hospital during the year.

**Scarlet Fever.** During the year one hundred and four cases of scarlet fever were admitted, one of which proved fatal. Fifty of these cases were among males, and forty-four among females. Twenty-four were under five years of age, thirty-six



from five to ten years, and the remainder were over ten years. Vomiting was a constant symptom, it occurring in fifty-nine cases, and a sore throat in seventy-one cases. In nine cases the rash occurred on the first day of the illness, in fifty-seven cases on the second day, and in seven instances on the third day. There was membrane present on the tonsils in seventy-eight cases; in eleven cases the disease was complicated with nephritis; in six cases with rheumatism, in seven cases with discharging ears, in thirteen with enlarged cervical glands, and in addition five had diphtheria. The average stay in the hospital was forty-one days.

**Diphtheria.** During the year eighty-three cases of diphtheria were admitted, seven of which proved fatal. Of these patients, thirty-nine were among males, and thirty-four among females. Twenty-five were under five years of age; nineteen were from five to ten, and the remainder were over ten. Nine entered the hospital on the first day of their illness, and all recovered. Thirty-one entered the second day of the illness, and four died; ten on the third day; six on the fourth day, with no deaths; four on the fifth day, with one death, and seven on the seventh day, with two deaths. The importance of early treatment with anti-toxin is thus very obvious. Of the laryngeal cases ten came to intubation, all of whom recovered. In fourteen patients the membrane extended over both tonsils, uvula and palate, seven of whom died from systemic infection involving both the heart and kidneys. In forty-nine cases the cultures were positive. The throat was clear of membrane in one case on the first day, in seventeen cases on the second, in nineteen cases on the third, in seven cases on the fourth, in two cases on the fifth, and in two on the seventh. In forty patients eruptions appeared on the body due to the use of the anti-toxin, and in four patients joint pains occurred from the same cause. The average stay in the hospital of seventy-three patients was sixteen days. The dose of the anti-toxin varied from 4,000 to 48,000 units, depending upon the severity of the case, the largest aggregate dose being 88,000 units. Of the seven deaths during the year two died within twenty-four hours of admission and were hopeless at that time, and were complicated with nephritis.

Patients Treated at the Contagious Hospital.

DISEASE.	Admission by Months.												Total admitted.	Cured.	Died.	Remaining January 1, 1909.	Percentage of Fatality.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.					
Scarlet fever. . . .	7	2	13	18	13	3	3	6	6	7	12	14	104	94	1	16	1.0
Diphtheria . . . .	7	2	3	3	7	0	5	4	1	10	14	28	83	71	7	12	9.8
Erysipelas . . . .	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..
Measles . . . .	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..
Totals . . . .	14	4	16	21	21	3	8	10	8	17	26	42	189	167	8	28	..
	Remaining January 1, 1908.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.				

Bacteriological Department.

During the year 1908, 1,293 examinations were made of cultures for the diphtheria organism, 173 examinations made of sputum from patients suspected of having tuberculosis, and 110 examinations to detect the Widal reaction in typhoid fever.

**Diphtheria.** Twelve hundred and ninety-three cultures have been examined for diphtheria, 542 being in males, and 751 in females. Diphtheria being a disease of children, 278 of these examinations have been made in children under five years of age, 421 in those from five to ten years of age, 238 from ten to twenty, and 150 in adults over twenty years. In six cases the age of the patient was not stated. Five hundred and twenty-four

examinations were made for the diagnosis of the case, 163 proving positive, and 361 negative. Of the positive results, fifty-seven were of cases in which the attending physician's diagnosis of diphtheria was confirmed, fourteen in which the clinical diagnosis was not diphtheria, and ninety-two in which no definite diagnosis was made. Of the 361 negative examinations, forty-eight were obtained in which the clinical diagnosis was diphtheria, ninety-six in which the diagnosis was not diphtheria, and 217 in which no diagnosis had been made.

Seven hundred and sixty-nine cultures were taken for release of patients from quarantine, 136 of which were positive, and 630 negative. The importance of taking release cultures is demonstrated by these figures, these patients showing the presence of the bacilli in the throat after the clinical evidence of the disease had disappeared. In three examinations there was no growth upon the serum tube.

**Tuberculosis.** One hundred and seventy-three examinations have been made of sputum suspected of containing the tubercle bacillus, fourteen of which were positive and 159 negative. In sixty-eight cases a definite diagnosis of this disease had been made by the attending physician, but in fifty-nine of them the organism could not be detected. In the remainder of the cases, sixty-six were stated as not showing evidence of the disease, three being positive, and in forty-five cases no statements were made giving information as to its character, two of which were positive. Eighty-four were males and eighty-nine females. Although printed directions accompany each outfit, telling how the specimen should be obtained, it has not been unusual for specimens to be sent to the laboratory containing only saliva from the mouth, with no excretion from the lungs or bronchial tubes. Physicians should be urged to give definite instructions to each patient, relating to the collection of the sputum, for in some instances a negative report would mislead both physician and patient. Consumption to-day is recognized as an infectious disease, and all persons afflicted with it should be instructed in the modern methods for preventing its spread. In some cases this is not done by the attending physician, and during the past five years your board has required that this disease be reported to you, as other infectious diseases are, and that printed instructions and advice be sent to each patient ill with the disease. The decrease in the death rate of consumption, and the cure of persons afflicted with it, is due to the improved and intelligent manner with which cases are treated, and the prevention of further spread of the disease is a subject which is of importance to all local boards of health.

**Typhoid Fever.** One hundred and ten examinations of the blood of patients suspected of having typhoid fever have been made, thirty-one of which proved positive. In forty-one cases a

positive diagnosis of this disease had been made by the attending physician, in five cases it was stated not to be typhoid fever, and in the remainder no statement was made relating to the diagnosis. Of the negative results, fourteen were diagnosed as typhoid, six were said not to be typhoid, and in fifty-nine no diagnosis was made. Fifty-nine were males and fifty-one females.

### Summary for Six Years, 1903, 1904, 1905, 1906, 1907, 1908.

#### Diphtheria Cultures.

	No. Examined	Males	Females	0-5	5-10	10-20	Over 20	Age not stated	No. growth
1903	817	387	430	282	199	125	185	26	5
1904	1,429	629	800	537	400	231	261	34	29
1905	792	346	446	204	260	139	170	19	4
1906	968	407	561	282	370	153	152	6	6
1907	971	423	548	224	346	185	210	6	3
1908	1,293	542	751	278	421	238	150	6	3

	For Diagnosis	Clinical Diagnosis Positive	Clinical Diagnosis Negative	Diph. Positive	Clin. Diag. not Diph. Negative	Clin. Diag. Positive	Clin. Diag. not stated Negative
1903	360	56	35	11	122	27	109
1904	406	72	37	11	96	59	131
1905	263	15	23	10	76	36	103
1906	419	55	60	14	130	47	107
1907	462	45	34	10	104	52	217
1908	524	57	48	14	96	92	217

	For Release Positive	For Release Negative
1903	95	362
1904	233	761
1905	139	386
1906	85	464
1907	98	408
1908	136	630

#### Sputum for Tuberculosis.

	No. Examined	Males	Females	Positive	Negative	Clin. Diag. Tuberculosis Positive	Clin. Diag. Tuberculosis Negative
1903	137	66	71	26	111	15	21
1904	124	54	70	28	96	14	29
1905	162	69	93	22	140	11	38
1906	175	95	80	9	166	7	44
1907	227	100	127	7	220	4	79
1908	173	84	89	14	159	9	59

	Clinical Diagnosis not Positive	Clinical Diagnosis not Tuberculosis Negative	Clinical Diagnosis not Positive	Clinical Diagnosis not stated Negative
1903	9	61	2	29
1904	11	43	3	24
1905	5	59	6	43
1906	1	85	1	37
1907	2	84	1	57
1908	3	63	2	43



**Blood for Typhoid Fever.**

		No. Examined	Males	Females	Positive	Clin. Diag. Typhoid Fever		
						Negative	Positive	Negative
1903	.....	72	39	33	27	45	18	7
1904	.....	76	53	23	32	44	18	4
1905	.....	78	45	33	26	50	11	1
1906	.....	94	57	37	24	70	14	15
1907	.....	110	58	52	45	65	25	10
1908	.....	110	59	51	31	79	20	14

		Clin. Diag. not Typhoid Fever		Clin. Diag. not stated	
		Positive	Negative	Positive	Negative
1903	.....	2	6	7	32
1904	.....	0	6	14	34
1905	.....	1	5	14	44
1906	.....	0	8	10	47
1907	.....	0	3	20	52
1908	.....	0	6	11	59

Respectfully submitted,

FRANK L. MORSE,

Medical Inspector.

## REPORT OF INSPECTOR OF ANIMALS AND PROVISIONS.

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OFFICE OF THE BOARD OF HEALTH, CITY HALL, }  
Somerville, Mass., January 7, 1909. }

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith submit the report of the inspector of animals and provisions for the year 1908.

The following is a statement of the number of animals killed during the year at the five slaughtering establishments in the city:—

Swine, 1,376,225; sheep, 304,171; calves, 70,678; cattle, 29,116. The work of the four large establishments, being under the inspection of the United States government, requires only the inspection of the premises by the local inspector, who reports very favorably on the same.

Somerville is one of the largest quarantine stations for the export of animals in the United States, the number exported last year being: Cattle, 77,500; sheep, 21,526.

The total number of neat cattle kept in the city is 272; swine, 195; cows, seventy-five; goats, two, all of which have been inspected by me several times during the year.

There have been 2,289 horses examined in stables where contagious diseases were reported to exist. Sixty-three were quarantined. Of this number fifty-eight were killed and five were released.

All the blacksmith shops of the city have been disinfected and whitewashed on account of the prevalence of contagious disease among the horses.

There are sixty-five barber shops and eighty-one bakeries in the city, all of which have been frequently inspected, most of them being found in excellent condition.

There have been 2,392 visits made to stores and markets, and 873 pedlers' carts have been inspected from which fish, provisions, and produce were sold.

The following articles have been condemned and destroyed:—

### Meats.

Fresh beef, 2,164 pounds; corned beef, 1,286 pounds; fowl, 2,291 pounds; Hamburg steak, 41 pounds; hams, 172 pounds; lamb and mutton, 711 pounds; livers, 9 whole; fresh pork, 212 pounds; salt pork, 41 pounds; swine, 7 whole; sausage, 54 pounds; shoulders, 137 pounds; pigs' feet, 3 kegs; tripe, 21 pounds; veal, 408 pounds; lard, 105 pounds.

**Fish.**

Codfish, 51 whole; salt fish, 2 boxes; clams,  $\frac{1}{2}$  barrel,  $3\frac{1}{2}$  gallons; haddock, 163 whole; halibut, 74 pounds; herring, 1,192 whole; flounders, 241 whole; fresh mackerel, 227 whole; salt mackerel, 84 whole; oysters,  $\frac{1}{2}$  bushel, 4 gallons; lobsters, 11 whole; pollock, 91 whole; salmon, 93 pounds; smelts, 11 boxes; shad, 177 whole; swordfish, 21 pounds.

**Fruit and Vegetables.**

Apples, 7 barrels; bananas, 28 dozen; blackberries, 27 quarts; beans, 3 bushels; green beans, 9 bushels; beets, 5 bushels; cabbage, 10 barrels; cantaloupes, 11 crates; cauliflower, 2 bushels; celery, 19 bunches; cucumbers,  $2\frac{1}{2}$  crates; dates, 27 pounds; figs, 5 boxes; grapes, 19 baskets; greens, 9 bushels; lemons, 8 dozen; lettuce, 2 boxes; onions, 8 bushels; oranges,  $1\frac{1}{2}$  boxes; green peas, 4 bushels; pineapples, 3 crates; white potatoes, 48 bushels; sweet potatoes, 14 bushels; raspberries, 31 cups; squash, 11 barrels; strawberries, 29 quarts; tomatoes, 2 bushels, 11 crates; turnips, 5 barrels, 2 bushels; watermelons, 9.

**Miscellaneous.**

Bread, 21 loaves; cake, 11 loaves; crackers, 3 barrels, 4 boxes; cereals, 486 packages; butter, 12 pounds; cheese, 20 pounds; milk, 6 cans; flour, 800 pounds; molasses, 42 gallons; pickles,  $\frac{3}{4}$  barrel, 14 gallons; salt, 800 pounds; sugar, 650 pounds; vinegar, 44 gallons.

I have performed other duties as required by your board.

Respectfully submitted,

DR. CHARLES M. BERRY,

Inspector.

## REPORT OF THE INSPECTOR OF MILK AND VINEGAR.

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OFFICE OF THE INSPECTOR OF MILK AND VINEGAR, }  
310 Broadway, Somerville, January 1, 1909. }

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith submit my report for the year ending December 31, 1908.

During the year 945 samples of milk have been analyzed, and the average standard has been higher than for several years. Constant watch has been kept for colored milk and for preservatives, but none has been found.

I am firmly convinced that the inspection of the dairies has resulted in a great improvement in the conditions where the milk is produced, and would recommend that more be done along this line during the coming year. It is essential that the farmers should be cleanly and careful, for if the milk is dirty at its source, the contractors and dealers are powerless to supply pure milk. Many of the farmers have followed out the suggestions of the inspector, and as a rule the dealers have obeyed the regulations adopted by the board. There is opportunity for improvement in the manner of handling the milk in stores, and I should recommend that milk be supplied to stores in bottles and sold in this way.

The following rules have been posted in stores where milk is sold:—

### WARNING.

#### I.

The use of milk cans, bottles, and all other milk vessels as containers for anything except milk is prohibited by law.

#### II.

Milk should be kept at all times at a temperature not higher than 50° F. Milk for sale by dealers must be kept at that temperature.

#### III.

All utensils used in the handling and selling of milk must be washed and sterilized with steam or boiling water every day they are used. (See section 6, chapter 15, Board of Health regulations.)

#### IV.

Thoroughly mix all milk before selling.

The microscopic examination of milk sediment has been of value in detecting dirty milk; 176 samples have been so examined. The immersion refractometer, purchased late in the year,



has been useful in detecting watered milk. Quite a number of samples have been examined, and one case was prosecuted and fined \$25.

The standard of milk which is required was changed by the legislature in June, and the percentages now required are 3.35 per cent. butter fat and 12.15 per cent. solids; this standard is uniform for the entire year.

#### Statistics.

Stores on record December 31, 1908 . . . . .	540
Stores registered . . . . .	136
Milkmen licensed . . . . .	117
Grocery wagons licensed . . . . .	36
Oleomargarine pedlers licensed . . . . .	3
Store to sell oleomargarine . . . . .	1
Milk samples analyzed . . . . .	945
Milk sediments examined for bacteria . . . . .	176
Oleomargarine samples . . . . .	2
Vinegar (all up to standard) . . . . .	34
Cream . . . . .	9

#### Court Cases.

Complaints . . . . .	17
Convictions . . . . .	17
Days in court . . . . .	20

#### Nature of Complaints.

Milk below standard . . . . .	15
Selling milk without registering . . . . .	1
Selling milk to which water had been added . . . . .	1
Fines imposed . . . . .	\$335.00

#### Cash Paid City Treasurer.

For milk licenses and registrations . . . . .	\$146.50
Postage stamps . . . . .	.68
Hand centrifuge machine . . . . .	5.00
	<hr/>
	\$152.18

#### Inspections.

Stores, coolers, ice chests, and cans inspected . . . . .	500
Milk rooms and stables . . . . .	118
Stables where cows are kept . . . . .	15
Milk sheds and receiving tanks . . . . .	7
Dairies and farms out of town . . . . .	106
Cows examined . . . . .	816

Eleven complaints from citizens have received attention. Many defects have been remedied, such as dirty floors, yards, walls, clothing, milk utensils, stagnant water, bad drains, etc.

Five dairies were condemned, and by vote of the board the milk was excluded from the city. These have been allowed to resume their supply to the city after having complied with the requirements of the inspector.

The state board of health has greatly facilitated the work of the local board by its system of inspections and notifications. All cases reported have been investigated.

To do away with the common method of tasting milk, the following vote was passed by the board May 12, 1908:—

Whereas, milk may be, and frequently is, made the carrier of infectious and contagious diseases, and, whereas, the germs of said diseases may be imparted to milk by persons in the act of testing, by tasting or otherwise handling milk before delivery to consumers;

It is therefore ordered: Whoever tests milk or cream which is to be offered for sale in any form by tasting shall do so by means of a clean spoon or piece of wood, paper, cardboard, or other article, and such spoon, piece of wood, paper, cardboard, or other article shall not again be brought in contact with milk intended for sale, or be used for testing milk until after being thoroughly washed and sterilized; no person shall permit any part of his person or clothing to come in contact with milk intended for sale in any form. All persons engaged in the tasting, mixing, or handling of milk for sale in any form shall before engaging in such tasting, mixing, or handling, thoroughly clean his hands and finger nails, and keep them as clean and dry as possible during such tasting, mixing, or handling. No person shall permit his hands while wet to remain or pass over any open vessel containing milk intended for sale in any form. No person shall fill a jar, can, or other receptacle with milk while the aforesaid jar, can, or other receptacle is held over an open vessel containing milk intended for sale in any form. No person who has sore throat, diarrhoea, or is suffering from any other disturbance of the bowels, or has symptoms of infectious or contagious disease, shall engage in the handling of milk which is to be offered for sale or which is for sale.

The food value of milk is not appreciated by the average person, nor does he understand the need of care in the handling and distribution of milk. Many times the milk is received at the consumer's residence in good condition, but the lack of care in using it leads to the production of conditions which are harmful to health.

Any citizen or physician who has any reason for complaint will receive prompt and courteous attention.

Respectfully submitted,

JULIUS E. RICHARDSON, V. S.,

Inspector of Milk.

Phones 21137, 741-3.

## **SUPPORT OF POOR DEPARTMENT.**

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### **Board of Overseers of the Poor.**

EDWARD B. WEST, President.

ALBERT W. EDMANDS, Vice-president.

HERBERT E. MERRILL.

### **Committees.**

ON FINANCE, INVESTIGATION AND RELIEF, AND CITY HOME. — Mr. West,  
Mr. Edmands and Mr. Merrill.

### **Secretary.**

CORA F. LEWIS.

### **General Agent.**

CHARLES C. FOLSOM.

### **City Physician.**

C. CLARKE TOWLE, M. D.

### **Warden and Matron, City Home.**

Mr. and Mrs. J. FOSTER COLQUHOUN.

### **Office.**

City Hall Annex, Highland Avenue.

## REPORT OF OVERSEERS OF THE POOR.

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Somerville, Mass., December 31, 1908.

To His Honor, the Mayor, and the Board of Aldermen of the City of Somerville:—

Gentlemen,—In accordance with our usual custom and the requirements of the law, we submit our annual report for the year 1908. It has been a matter of some surprise to our board the past year, which has included a period of great financial depression, with many industries curtailed or suspended, that the call for the city's charity has been so little increased, and it speaks well for the general character of the people in a city of this size that such is the case, and that so large a proportion are making a manly effort for self-support.

Every year we are becoming more and more assured that the action of the city in the purchase of the present home was a most wise as well as charitable act.

For those whose misspent life has brought them at last to our door, we have reluctant sympathy; but for the disabled, deserted, deserving, the "over the hill to the home" has, we trust, lost much of its gloom.

The work of the year has been entirely satisfactory in the different departments, and we submit the details as follows.

Signed,

E. B. WEST,	}	<i>Overseers of the Poor.</i>
A. W. EDMANDS,		
H. E. MERRILL,		



## REPORT OF GENERAL AGENT.

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December 31, 1908.

To the Board of Overseers of the Poor, Somerville, Mass.:—

Gentlemen,—The following report, for the year 1908, is respectfully submitted.

The work of this department has been carried on much the same during 1908 as in former years. Our appropriation, \$13,500, being \$500 less than that of 1907, and the fact that the depression in business caused quite a number of men to be without steady employment, resulted in an overdraw on the miscellaneous account, which at the close of the year showed a deficiency of some \$649.14. Fortunately there was a balance in the city home account which more than equaled this deficiency, so that the departments kept well within the appropriations.

### **Aid Rendered.**

Food was supplied to poor families during the year amounting to \$5,093, this being nearly \$1,000 more than was given in 1907. Fuel supplied to poor families, for which the city paid, amounted to \$707.23, nearly \$100 more than the year before. The net expenses for the miscellaneous account of the poor department amounted to \$14,149.14, or \$923.43 more than in 1907.

### **Change of Law.**

During the year 1907 the law was changed, to go into effect December 1, 1908, in reference to cities and towns paying for the support of the "feeble-minded" and the sane "epileptics." The amount paid in 1908 for the two above-named classes was \$2,064.16. Hereafter this expense will be paid by the state.

### **State Refuses to Pay.**

The state has refused to pay our bills during the last year for visits of the city physician to state paupers. The matter is now in the hands of the city solicitor, and I understand he has made arrangements with the state authorities to have the question decided by the court.

### **Law Suit.**

The suit brought a year ago by the town of Braintree against this city, in the Pickering case, has not yet been settled.

### **If He Eats He Must Work.**

It is still the rule to require the man in the family (if there is one) to do some work at the city farm in return for any aid rendered the family. If they really need the aid, they are very willing to work; if not, we usually do not hear from them again.

**Work for the Board of Health and Hospital.**

The number of cases sent us by the board of health, to look up settlements, has increased to such an extent that it looks now as though the services of an extra clerk would be required the greater part of the time. These and the Somerville hospital cases, from neither of which this department receives any cash benefit whatever, occupy nearly half of our time, and the work is increasing.

**Appreciation.**

I wish to thank the board for their kindness and help; especially I wish to thank them for their willingness to allow us extra help when it is really necessary. The usual tables, annexed, will give the work in detail.

Very respectfully,

C. C. FOLSOM,  
General Agent.

**Table No. 1.****FULL SUPPORT (DURING THE YEAR).**

In city home (men 31, women 21) . . . . .	52
In city home December 31, 1908 (men 18, women 12) . . . . .	30
In private families . . . . .	2
In Somerville hospital . . . . .	180
In hospitals for the sick in other towns, cities, and state . . . . .	59
In hospital for dipsomaniacs . . . . .	7
In hospital for epileptics . . . . .	7

**Table No. 2.****PARTIAL SUPPORT (OUTDOOR RELIEF).**

Families . . . . .	221
Persons aided (not including hospital cases) . . . . .	921
Burials . . . . .	8
Permits to Tewksbury almshouse . . . . .	20
Average expense to the city for each (ambulance for several) . . . . .	\$3.12½

**Table No. 3.****REIMBURSEMENTS.**

Commonwealth of Massachusetts . . . . .	\$1,178 56
City of Boston . . . . .	542 29
“ “ Cambridge . . . . .	432 51
“ “ Chelsea . . . . .	59 55
“ “ Everett . . . . .	98 52
“ “ Fall River . . . . .	4 60
“ “ Gloucester . . . . .	30 73
“ “ Malden . . . . .	38 30
“ “ Marlboro . . . . .	13 75
“ “ Medford . . . . .	32 73
“ “ New Bedford . . . . .	11 63
“ “ Newton . . . . .	192 73
“ “ Northampton . . . . .	50 00
“ “ Salem . . . . .	7 30
“ “ Springfield . . . . .	60 70
“ “ Waltham . . . . .	87 00
“ “ Woburn . . . . .	19 45
“ “ Worcester . . . . .	105 40
Town of Arlington . . . . .	21 43
“ “ Ashburnham . . . . .	21 43
“ “ Belmont . . . . .	28 00
“ “ Boylston . . . . .	8 57
“ “ Brookline . . . . .	22 86
“ “ Clinton . . . . .	21 43
“ “ Framingham . . . . .	18 30
“ “ Leominster . . . . .	52 31
“ “ Milton . . . . .	1 50
“ “ Rockport . . . . .	39 44
“ “ Southboro . . . . .	16 00
“ “ Stoneham . . . . .	50 21
“ “ Stow . . . . .	22 60
“ “ Truro . . . . .	1 00
“ “ Walpole . . . . .	13 43
“ “ Weston . . . . .	9 20
“ “ Weymouth . . . . .	25 29
Relatives and individuals . . . . .	467 45

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 \$3,806 20

Table No. 4.

## SOMERVILLE HOSPITAL (PATIENTS ON CITY BEDS).

Patients having settlement in Somerville . . . . .	74
Patients having settlement in other cities or towns . . . . .	43
Patients having no settlement (chargeable to state) . . . . .	63
Total number of patients sent to hospital . . . . .	180
Money paid hospital by the city for patients settled in Somerville . . . . .	\$5,000 00
Amount reimbursed to the city and paid to the hospital . for patients not settled in Somerville . . . . .	1,555 73
Total paid to the hospital . . . . .	<u>\$6,555 73</u>

Table No. 5.

## POPULATION AND GROSS EXPENDITURES, 1883 TO 1908, INCLUSIVE.

Year.	Population (Estimated).	Expenditures
1883 . . . . .	27,000	\$15,959 80
1884 . . . . .	28,000	17,272 52
1885 . . . . .	*29,992	16,430 32
1886 . . . . .	32,000	14,341 83
1887 . . . . .	34,000	13,430 89
1888 . . . . .	36,000	13,375 98
1889 . . . . .	39,000	14,610 92
1890 . . . . .	*40,117	15,261 14
1891 . . . . .	43,000	15,980 49
1892 . . . . .	46,000	17,015 30
1893 . . . . .	48,000	17,799 58
1894 . . . . .	50,000	19,733 13
1895 . . . . .	*52,200	20,755 46
1896 . . . . .	54,000	21,999 79
1897 . . . . .	56,000	25,681 47
1898 . . . . .	57,500	28,522 21
1899 . . . . .	60,000	28,924 39
1900 . . . . .	*61,643	{ Miscellaneous, \$23,697.62 } { City home, 5,528.83 } 29,226 45
1901 . . . . .	62,500	{ Miscellaneous, \$29,171.15 } { City home, 6,622.43 } 35,793 58
1902 . . . . .	63,500	{ Miscellaneous, \$28,667.04 } { City home, 7,396.64 } 36,063 68
1903 . . . . .	65,500	{ Miscellaneous, \$30,470.20 } { City home, 7,548.39 } 38,018 59
1904 . . . . .	69,500	{ Miscellaneous, \$20,476.54 } { City home, 6,563.11 } 27,039 65
1905 . . . . .	*69,272	{ Miscellaneous, \$17,527.88 } { City home, 7,474.36 } 25,002 24
1906 . . . . .	72,000	{ Miscellaneous, \$18,237.53 } { City home, 6,806.79 } 25,044 32
1907 . . . . .	74,000	{ Miscellaneous, \$17,852.20 } { City home, 7,001.23 } 24,853 43
1908 . . . . .	75,500	{ Miscellaneous, \$17,955.34 } { City home, 6,875.56 } 24,830 90

\*Census.



Table No. 6.

## EXPENDITURES, IN DETAIL, FOR THE YEAR 1908.

1908.	Dry Goods.	Board.	Groceries.	Somerville Poor in Other Cities and Towns.	Boots and Shoes.	Medicine and Nursing.	Burials.	Salaries.	Fuel.	Sundries.	Cash Paid Out.	Tele- phone.	Stationery and Printing.	Somerville Hospital.	State Hospital.	Foxboro State Hospital.	Feebie- minded School.	Epileptic Hospital and Rutland Sanatorium.	Total.
January .	\$2.00	\$74 72	\$852 50	\$956 62	\$6 50	\$32 43	\$15 00	\$291 66	\$200 15	\$27 00	\$23 80	\$24 33	\$3 50	. . .	. . .	. . .	\$253 50	\$211 25	\$2,974 96
February .	. . .	41 42	477 50	. . .	. . .	22 11	45 00	291 66	149 33	. . .	7 60	. . .	. . .	. . .	\$126 29	\$6 04	. . .	194 07	1,361 02
March .	. . .	70 29	531 00	78 59	10 50	8 85	15 00	366 66	117 61	. . .	9 36	. . .	. . .	\$399 99	. . .	37 14	253 50	. . .	1,898 49
April .	. . .	42 87	405 50	6 65	. . .	29 92	15 00	316 66	. . .	10 25	21 60	21 34	. . .	133 33	150 00	. . .	. . .	. . .	1,153 12
May .	. . .	44 29	429 50	8 86	1 20	39 15	. . .	316 66	4 40	6 00	18 19	5 91	1 25	133 33	. . .	. . .	. . .	170 86	1,179 60
June .	. . .	42 87	375 00	154 29	9 00	7 25	. . .	316 66	1 10	. . .	22 62	. . .	. . .	133 33	. . .	68 43	256 26	. . .	1,386 81
July .	. . .	65 86	320 00	619 45	1 50	27 40	. . .	316 66	1 10	6 00	10 90	7 00	3 03	133 33	. . .	. . .	. . .	. . .	1,512 23
August .	. . .	48 72	438 00	85 04	. . .	28 02	. . .	316 66	. . .	4 80	7 27	23 55	. . .	133 33	145 88	. . .	. . .	257 21	1,488 48
September .	. . .	32 15	317 00	. . .	. . .	43 12	5 00	343 33	. . .	2 00	11 05	. . .	4 00	133 33	. . .	129 07	256 26	. . .	1,276 31
October .	. . .	29 86	386 50	552 86	14 75	24 78	. . .	334 66	. . .	1 70	8 85	7 00	9 00	133 33	. . .	. . .	. . .	. . .	1,503 29
November .	. . .	30 01	398 50	16 50	. . .	16 39	15 00	316 66	154 79	. . .	6 80	22 57	. . .	133 33	70 46	. . .	. . .	211 25	1,392 26
December .	. . .	31 01	162 00	132 75	. . .	10 02	. . .	316 74	78 75	. . .	8 40	. . .	. . .	89 10	. . .	. . .	. . .	. . .	828 77
Totals .	\$2 00	\$554 07	\$5,093 00	\$2,611 61	\$43 45	\$289 44	\$110 00	\$3,844 67	\$707 23	\$57 75	\$156 44	\$111 70	\$20 78	\$1,555 73	\$492 63	\$240 68	\$1,019 52	\$1,044 64	\$17,955 34



**Overseers of the Poor of Somerville.****SINCE THE REORGANIZATION IN 1885.**

†Hon. Mark F. Burns, chairman ex-officio . . . . .	1885	1888 inclusive
†Colonel Herbert E. Hill . . . . .	1885	1889 “
†Charles S. Lincoln, Esq., chairman . . . . .	1885	1887 “
Hon. Edward Glines . . . . .	1885	1887 “
†Charles G. Brett (president 1888-1892) . . . . .	1885 April 1893	“
Edward B. West (president May, 1894, to date) . . . . .	1888 to date*	“
†Daniel C. Stillson . . . . .	1888 April 1892	“
†Hon. Charles G. Pope, chairman ex-officio . . . . .	1889	1891 “
Nathan H. Reed (president 1893 to April, 1894) . . . . .	1890 April 1894	“
†Hon. William H. Hodgkins, chairman ex-officio . . . . .	1892	1895 “
James G. Hinckley . . . . .	May 1892	1894 “
Albert W. Edmands . . . . .	May 1893 to date*	“
Herbert E. Merrill . . . . .	May 1894 to date*	“
†Ezra D. Souther . . . . .	1895 Feb. 1898	(Died)
Hon. Albion A. Perry, chairman ex-officio . . . . .	1896	1898 inclusive
James H. Butler . . . . .	March 1893	1899 “
Hon. George O. Proctor, chairman ex-officio, . . . . .	1899	

\*Present member.

†Deceased.

**Table No. 7.****RECAPITULATION (MISCELLANEOUS).**

Appropriation . . . . .	\$13,500 00
Reimbursements . . . . .	3,806 20
Total receipts . . . . .	\$17,306 20
Total expenditures . . . . .	17,955 34
Overdrawn . . . . .	649 14
Net expenditures . . . . .	\$14,149 14

# REPORT OF WARDEN OF CITY HOME.

City Home, January 1, 1909.

To the Overseers of the Poor, Somerville, Mass.:—

Gentlemen,—I submit the following as the report of the warden of the city home for the year ending December 31, 1908:—

Table No. 1.

## REIMBURSEMENTS.

Produce and pork sold . . . . .	\$3,890 37	
Board of sundry persons . . . . .	781 42	
		<hr/>
		\$4,671 79

Table No. 2.

## LIVING EXPENSES.

Salaries and wages . . . . .	\$2,409 93	
Groceries and provisions . . . . .	1,974 11	
Dry goods . . . . .	329 63	
Boots and shoes . . . . .	80 73	
Hay and grain . . . . .	623 51	
Seeds and fertilizer . . . . .	90 43	
Kitchen furnishings . . . . .	56 34	
Sundries . . . . .	160 84	
Farm sundries . . . . .	270 05	
Cash paid by warden, car fares for warden, inmates, and laborers . . . . .	47 05	
Medicines . . . . .	80 63	
Shoeing horses . . . . .	39 30	
Repairs on wagons and tools . . . . .	77 95	
Repairs on sash . . . . .	53 55	
General repairs . . . . .	51 33	
Swill and bedding . . . . .	305 00	
New tools . . . . .	7 00	
Live stock . . . . .	33 00	
Telephone . . . . .	48 18	
		<hr/>
		\$6,743 66
Credits:—		
Produce and pork sold . . . . .	\$3,890 37	
Board of sundry persons . . . . .	781 42	
		<hr/>
		4,671 79
		<hr/>
Net living expenses . . . . .		\$2,071 87

Table No. 3.

Number of weeks' board of inmates . . . . .	1,488 5-7
Number of males admitted during 1908 . . . . .	12
Number of females admitted during 1908 . . . . .	15
Number of males discharged during 1908 . . . . .	10
Number of females discharged during 1908 . . . . .	10
Number of males supported during 1908 . . . . .	31
Number of females supported during 1908 . . . . .	22
Number of males died during 1908 . . . . .	4
Number of females died during 1908 . . . . .	1
Number of inmates in home December 31, 1908 . . . . .	30



**Table No. 4.****FARM ACCOUNT.  
REIMBURSEMENTS.**

Produce and pork sold . . . . .	\$3,890 37	
Produce used at city home . . . . .	315 00	
	<hr/>	\$4,205 37
<b>EXPENSES.</b>		
Wages for help . . . . .	\$951 26	
Feed for one horse . . . . .	155 88	
Shoeing one horse . . . . .	13 10	
Repairs on wagon and tools . . . . .	77 95	
Repairs on sash . . . . .	58 55	
Swill and bedding . . . . .	305 00	
Farm sundries . . . . .	270 05	
Seed and fertilizers . . . . .	90 48	
Live stock . . . . .	33 00	
New tools . . . . .	7 00	
	<hr/>	\$1,962 27
Balance . . . . .		<hr/> \$2,243 10

**Table No. 5.****PERMANENT REPAIRS AND FIXTURES.**

Building clothes line fence . . . . .	\$109 36	
Brick, lime, and cement (ash pit) . . . . .	14 06	
Water piping (1907) . . . . .	3 68	
Door frame and hardware . . . . .	4 80	
	<hr/>	\$131 90
Living expenses * . . . . .		<hr/> 6,743 66
Total expenditures . . . . .		<hr/> \$6,875 56

**Table No. 6.**

Appropriation . . . . .	\$3,000 00	
Reimbursements . . . . .	4,671 79	
Net expenditures . . . . .	2,203 77	
	<hr/>	
Total receipts . . . . .	\$7,671 79	
Total expenditures . . . . .	6,875 56	
	<hr/>	
Balance . . . . .	\$796 23	

Respectfully submitted,

J. FOSTER COLQUHOUN,

Warden.

## REPORT OF THE CITY PHYSICIAN.

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OFFICE OF THE CITY PHYSICIAN, }  
Somerville, January 1, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—The following summary is submitted as representing the duties of the office for 1908:—

House visits . . . . .	1,403
Office consultations . . . . .	763
Visits at city home . . . . .	30
Attended at police station . . . . .	45
Vaccinations . . . . .	174
Confinements . . . . .	26
Examinations for legal department . . . . .	12

Very respectfully,

C. CLARKE TOWLE,  
City Physician.

## REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER, }  
CITY HALL, SOMERVILLE, January 20, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—In accordance with the provisions of the city charter, the following report of the work done and expense incurred for the year ending December 31, 1908, by the departments and appropriations under my charge and supervision, including Engineering, Grade Crossings, Sewers Construction, Sewers Maintenance, Public Grounds, and other public works, is herewith presented.

### ENGINEERING DEPARTMENT.

#### Statement of Expenses, 1908.

Salary of City Engineer . . . . .	\$3,000 00	
Salaries of assistants (see itemized statement) . . . . .	7,936 09	
Stakes, tools, and general supplies (outside work) . . . . .	83 36	
Draughting materials and office supplies (inside work) . . . . .	160 01	
Setting stone bounds . . . . .	100 00	
Car fares . . . . .	244 55	
Maintenance of team . . . . .	247 25	
Telephone, postage, and incidentals . . . . .	169 62	
Total debit . . . . .		\$11,940 88

#### CREDIT.

Appropriation . . . . .	\$11,500 00	
Amount received for making acceptance plans . . . . .	46 00	
Amount received surveys sundry sewers . . . . .	395 00	
Total credit . . . . .		\$11,941 00
Balance unexpended . . . . .		\$0 12

**Classification of Expenses, Assistants' Salaries.**

Sewers,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers . . . . .	\$1,748 16
Highways,—comprising plans, estimates, titles, profiles, lines and grades, inspection of paving, and all other engineering relating to the department . . . . .	508 48
Sidewalks,—comprising profiles, lines, grades, measurements, titles, costs, and assessments . . . . .	1,291 53
Water Works,—comprising lines, grades, locations of mains, gates, hydrants, and services, and other matters relating to water department . . . . .	468 00
Public Grounds,—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks and grounds, and boulevards . . . . .	321 81
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction . . . . .	65 18
Street Numbering,—comprising locations of buildings, plans, and affixing street numbers on houses . . . . .	214 67
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading . . . . .	220 41
City Survey,—comprising establishing of street lines, acceptance plans, and miscellaneous survey work for city map, bridges, etc. . . . .	1,054 16
Middlesex Registry,—comprising copying of plans and abstracts from deeds and examination of titles filed at East Cambridge, also tracings of street acceptance and sewer taking plans filed for record . . . . .	364 15
Railway, Telephone, Electric Light, and Gas Light Companies,—comprising grades, plans, profiles and office notes, locations of poles and conduits . . . . .	28 01
Stone Bounds,—locating and setting . . . . .	318 09
Office Work,—comprising records of all locations, indexing, typewriting, calculations, and general draughting . . . . .	607 92
Miscellaneous Work,—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees . . . . .	55 52
Vacations, Holidays, and Sickness . . . . .	670 00
Total . . . . .	<hr/> \$7,936 09

**Grade Crossings Account.****STATEMENT OF EXPENSES, 1908.**

Ext.a legal services (City Solicitor) . . . . .	\$1,372 88
Expert testimony . . . . .	75 00
Real estate appraisers' services . . . . .	245 00
Damages paid for land and buildings taken . . . . .	31,901 91
Photographs, typewriting . . . . .	114 93
	<hr/>
Transfer from Sewers Constructions Account . . . . .	1,000 00
	<hr/>
Assets and liabilities (probably city will be reimbursed ninety per cent. of amount) . . . . .	\$32,709 72



**Office Records and Value of Instruments.**

Number of survey note-books, sewer permit books, deed books, calculation books, and record books,—three hundred and fifteen.

Number of plans, including sewers, highways, parks, house lots, etc.,—six thousand one hundred.

Value of field instruments, tools, and office instruments,— \$2,500

**General Work.**—A varied line of city work is carried on each year under the Engineering department, including the designing and superintending of the construction and maintenance of sewers, parks, playgrounds, boulevards, bridges, and other public works as may be authorized; the making of such surveys, plans, estimates, descriptions and specifications, and contracts for work as the mayor, board of aldermen, or any committee or department may require; the custody of all plans and profiles; and all data relating to the laying out, widening, or discontinuing of streets, and the engineering work for all departments of the city.

The city ordinances require that the city engineer must be consulted on all work where the advice of a civil engineer would be of service; and no structure of any kind can be placed upon, beneath, or above any street by any department of the city, corporation, or individual, until a plan is furnished showing the location, and approved by him.

Considerable of the engineering work is so closely allied with work in the Highway department that it is carried on in conjunction with it, and the final cost of completed work made up and betterment assessments computed, showing the amount assessed on the various property owners.

The number of assistants employed during the year on engineering work varied from seven to ten.

All plans of estates in Somerville recorded at the Registry of Deeds, East Cambridge, including land court plans, have been copied; titles examined, and abstracts from deeds made for the purpose of assessments, and the proportional part of the cost of new work computed, and schedules of assessments made out showing the property owners; also copies have been made of all city plans where land has been taken for highways or sewers, and these have been filed and recorded at the Registry, East Cambridge, as required by law.

Plans have been made and photographs taken where accidents have occurred on the city work or where boundaries were in dispute, for the use of the city solicitor in court cases and hearings; and special plans and data prepared for hearings relating to the proposed abolition of all grade crossings on the Fitchburg division of the Boston & Maine railroad.

A number of street names have been changed and plans made showing a re-numbering of the buildings, and all old numbering plans revised, new houses plotted, and numbers assigned.

Some of the old main thoroughfares should be re-numbered throughout their entire length, so as to eliminate half numbers and letters now being used, as many of these old streets have outgrown their original numbering.

There are many streets, avenues, courts, and places in the city of the same or very similar name, which should be changed to prevent the confusion and inconvenience now existing.

A set of block plans should be made covering the entire city area from accurate surveys made during the past twenty-five years, and compared section by section with the deed dimensions and areas recorded in the Assessors' department, and in this manner the correct areas of land determined.

This set of plans would also be of value to the Water department and various other departments, and would more than pay for the cost of making; three of these sectional plans have already been made.

Stone monuments have been set at a number of street intersections and angles to define and preserve the true lines of public streets, and this work should be continued as much as possible each year. By setting these stone bounds or monuments, in Portland cement concrete, at the level of the surface of the ground, or flush with the surface of the sidewalk, they can be used as permanent "Bench Marks" throughout the city by establishing their exact elevations, and thereby being a great convenience and saving of time in giving grades, not only for the City Engineering department, but also for all other surveyors.

Lines and grades have been given for the erection of new city buildings, and plans and sketches made for the laying out of the surrounding grounds.

About one hundred and twenty-five street lines and grades have been given by the department during the year for builders and private parties applying for established grades and lines in connection with the erection of buildings and fences and grading of property.

Plans have been made by the Edison Electric Illuminating Company, of Boston, the New England Telephone and Telegraph Company. West End Street Railway Company, Charles-town Gas and Electric Company, and Cambridge Gas Light Company, and filed in this office, showing the various locations of poles, tracks, and conduits in this city which have been granted by the board of aldermen during the year; and work

has been continued under a special act of the legislature, with reference to the city of Somerville, passed in April, 1905, whereby the electric light and telephone companies are placing their overhead wires in conduits underground in certain specified streets, and removing all poles from these streets.

The electric light company has extended the underground conduit in Broadway during the year 2,205 feet (Partridge avenue to near the Boston & Maine railroad bridge, North Somerville). The total underground conduits in the city January 1, 1909, belonging to the New England Telephone and Telegraph Company amount to 13.31 miles; the Edison Electric Illuminating Company, 3.23 miles; and the Boston Elevated Railway Company have 0.85 of a mile of underground conduits on Broadway, in which the power wires are placed, and this work should be extended where all other wires and poles have been removed above the street surface.

The Charlestown Gas and Electric Company have laid 0.87 of a mile of gas mains, and the Cambridge Gas Light Company have laid 1.98 miles of gas mains in various streets in the city during the year.

Lines and grades have been given for laying 3,846 linear feet of new city water mains varying in size from one and one-half inches to twelve inches in diameter. One hundred and sixty-nine house services, eighteen gates, seventeen hydrants, five water posts, and two blow-offs have been located and recorded, sketches and plans made showing the same, and the large water works map corrected to date, and eighty-three old services were re-located.

Some of the trench work on the extension of water mains the past year has been done by the Water department by day labor at a considerably increased cost to the city. The greater part of this work should be done by contract, under proper specifications, with the lowest bidder, similar to contract work in the sewer department, at an annual saving of cost to the city.

During the year the Engineering department has made plans and established grades for the acceptance, under the betterment act, of ten new public streets, a total length of 1.31 miles.

Three plans have been made of private streets for acceptance as public streets during the year, as ordered, but not as yet made public, and there are plans for acceptance of twelve other private streets, previously made, on file in the office that, for various reasons, are still unaccepted as public ways.

Twenty streets have been constructed during the year, a length of 11,727 feet (2.2 miles), at a cost of \$22,412.24, where



betterment assessments have been levied on the abutting property amounting to \$14,126.67.

The total length of public streets in the city is 74.095 miles, and private streets, 20.613 miles.

Lines and grades have been given for setting 22,887.2 linear feet (4.34 miles) of new edgestone, and the re-setting of 4,759.3 feet (0.90 miles) of old edgestone, and measurements taken for computing assessments.

4,446.7 square yards of new brick sidewalks and 6,185.7 square yards of granolithic and tar concrete sidewalks, including sidewalks laid by private parties, have been laid (about three miles in length), and 2,414.6 square yards of old brick sidewalks re-laid.

The average cost for the year of setting edgestone with gravel sidewalk has been ninety-nine cents per linear foot, and laying brick sidewalks, \$1.07 per square yard, and granolithic, \$1.57 per square yard.

7,653.2 square yards of new paved gutters have been laid, and 413.3 square yards of new vitrified brick and granite crossings and driveways constructed; 1,827.7 square yards of old gutters, driveways, and crossings have been re-laid, all requiring lines, grades, and measurements.

(See tables in this report for cost of new work, 1908, and total lengths of sidewalks constructed in the city to date.)

### Streets Accepted as Public Highways in 1908 under the Betterment Act.

NAME OF STREET.	WARD.	FROM	TO	Width in Feet.	Length in Feet.	Date of Acceptance.
Bromfield rd. . .	7	Warner st. . .	Dearborn rd. .	40	1,262	July 23
Chestnut . . .	1	Poplar st. . .	Southeasterly .	40	537	Dec. 24
Dimick . . .	2	Calvin st. . .	Concord ave. .	40	957	Jan. 1, 1909
Francis . . .	6	Porter st. . .	Conwell st. . .	30	180	Dec. 24
Grant . . .	4	Jaques st. . .	Mystic ave. . .	40	829	July 24
Hamlet (exten.) .	3	End st. (accept- ed Dec. 30, 1905) }	Boston st. . .	30	165	Dec. 24
Kidder ave. . .	7	Liberty ave. . .	Willow ave. . .	40	664	Dec. 24
Linden . . .	2	Somerville ave. .	Charlestown st. .	33	587	June 12
Marion . . .	2	End st. (accept- ed June 14, 1902) }	Dimick st. . .	40	401	Dec. 11
Pearson ave. . .	6	Morrison ave. .	Boston ave. . .	45	1,320	May 15
Total . . .		. . . . .	(1.307 miles)	..	6,902	



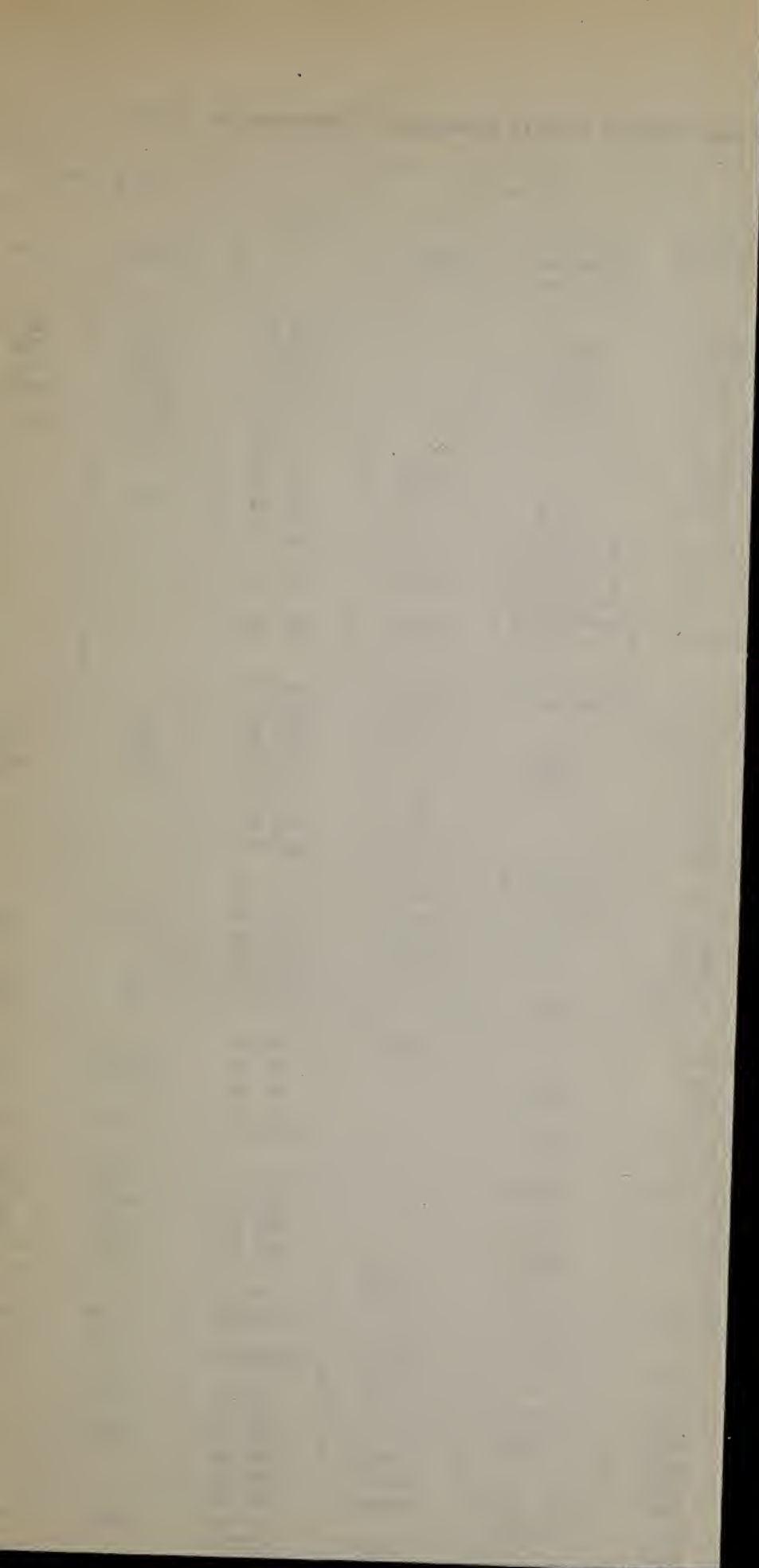


Table Showing Sidewalks Constructed (not exceeding one-half cost assessed on abutters) and Paved Gutters Laid in Connection Therewith in 1908.

STREET.	WARD.	SIDE.	FROM	To	WIDTH OF SIDEWALK IN FEET.	MATERIALS.		TOTAL COST.	PAVED GUTTERS.	
						Gravel and Edgestone. Lineal Feet.	Bricks. Sq. Yards.		Sq. Yards.	Cost.
Albion . . . . .	5	Northeasterly . . . .	Central st. . . . .	Lowell st. . . . .	6.67 and 9.67	1,334.3	.....	\$1,470 99	444.8	\$984 12
Ash ave. . . . .	5	Both . . . . .	Meacham st. . . . .	East Albion st. . . .	6.67	1,168.8	.....	1,130 41	389.6	709 88
Autumn . . . . .	4	Both . . . . .	Broadway . . . . .	Bonair st. . . . .	3.00	813.5	.....	743 01	180.8	527 60
Bay State ave. . . .	7	Both . . . . .	Broadway . . . . .	Fosket st. . . . .	6.67	2,421.2	.....	2,352 26	807.1	1,895 29
Beech . . . . .	6	Both (where not already laid)	Somerville ave. . . .	Atherton st. . . . .	6.67	479.9	.....	537 54	159.9	641 31
*Benton road . . . .	6	Westerly . . . . .	Estate No. 42 . . . .	.....	6.67	.....	27.3	43 03	.....	.....
*Benton road . . . .	6	Westerly . . . . .	Estate No. 44 . . . .	.....	6.67	.....	30.5	48 07	.....	.....
Bond . . . . .	5	Northwesterly . . . .	Est. Chas. W. Cahalan .	.....	6.67	70.2	.....	67 59	23.4	50 33
*Broadway . . . . .	7	Northeasterly . . . .	Pearson road . . . .	No. 763 inclusive	11.00	gran. 5.00 } sod 6.00 }	91.6	158 99	.....	.....
*Broadway . . . . .	7	Southwesterly . . . .	Lowden ave. . . . .	Bay State ave. . . .	11.00	gran. 8.00 } sod 3.00 }	189.3	313 21	.....	.....
*Broadway . . . . .	5	Southerly . . . . .	Bartlett st. . . . .	Glenwood road . . . .	15. to 10.4	gran. 10 to 8.1 } sod rem. width }	265.4	502 93	.....	.....
*Broadway . . . . .	4	Northeasterly (where not already laid)	Fellsway, west . . . .	Temple st. . . . .	15.00	gran. 8.00 } sod rem. width }	837.4	1,466 37	.....	.....
*Broadway and Cross st.	1	Southeasterly corner	In front of Fire Station .	.....	15. and 6.50	.....	126.1	220 55	.....	.....
Charles . . . . .	1	Westerly . . . . .	Washington st. . . .	Southerly end . . . .	5.00	.....	84.5	105 33	.....	.....
Cleveland . . . . .	6	Both . . . . .	Central st. . . . .	Harvard st. . . . .	6.67	913.5	.....	950 08	304.5	592 61
Concord ave. . . . .	2	Both . . . . .	Beacon st. . . . .	Wyatt st. . . . .	5.00	711.0	.....	855 74	237.0	620 23
Dana . . . . .	4	Southeasterly . . . .	Pearl st. . . . .	No. 3 inclusive	6.67	.....	60.1	70 98	.....	.....
*Electric ave. . . . .	7	Westerly . . . . .	Curtis st. . . . .	Westminster st. . . .	6.67	.....	158.8	226 90	.....	.....
*Gilman terrace . . .	4	Westerly . . . . .	Pearl st. . . . .	End of terrace . . . .	6.67	.....	242.6	356 45	.....	.....
*Glenwood road . . .	5	Westerly (where not already laid)	Vernon st. . . . .	Medford st. . . . .	9.00	{ brick 6.00 } sod 3.00 }	466.7	617 17	.....	.....
*Glenwood road . . .	5	Easterly . . . . .	Broadway . . . . .	Medford st. . . . .	6.67	.....	414.0	673 01	.....	.....
Granite . . . . .	3	Both . . . . .	Somerville ave. . . .	Osgood st. . . . .	6.67	773.5	.....	755 59	257.8	565 15
Harrison and Kent . . . . .	6	Both . . . . .	Ivaloo st. . . . .	Kent st. . . . .	6.67 }	.....	932.7	864 52	.....	.....
Heath . . . . .	6	Easterly . . . . .	Harrison st. . . . .	Beacon st. . . . .	5.00 }	.....	.....	.....	.....	.....
Highland ave. . . . .	5	Both . . . . .	Mt. Vernon ave. . . .	Moreland st. . . . .	6.67	705.8	.....	633 36	235.2	423 28
Howard . . . . .	6	Southwesterly (where not already laid)	Central st. . . . .	Spring Hill ter. . . .	10.00	.....	885.7	926 62	.....	.....
Ivaloo . . . . .	7	Both . . . . .	Thorndike st. . . . .	Gorham st. . . . .	6.67	743.9	.....	697 61	248.0	700 57
Lexington ave. . . .	6	Northerly . . . . .	Beacon st. . . . .	Park st. . . . .	6.67	630.8	.....	581 99	210.2	432 59
Liberty ave. and Appleton st. . . . .	6	Both . . . . .	Cedar st. . . . .	Hancock st. . . . .	6.67 }	1,462.0	.....	1,405 03	487.3	929 32
Linden . . . . .	7	Both . . . . .	Hall ave. . . . .	Appleton st. . . . .	6.67 & 8.33 }	.....	.....	.....	.....	.....
Loring . . . . .	7	Both . . . . .	Liberty ave. . . . .	Clifton st. . . . .	6.67 & 8.50 }	548.6	.....	551 41	182.9	392 49
Lowden ave. . . . .	2	Both . . . . .	Somerville ave. . . .	Charlestown st. . . .	5.50	1,190 9	.....	1,049 08	396.9	655 26
Medford and South .	3	Both . . . . .	Somerville ave. . . .	Osgood st. . . . .	6.67 & 7.67	782.5	.....	808 95	260.8	569 97
Moreland . . . . .	7	Both . . . . .	Broadway . . . . .	Fosket st. . . . .	6.67	2,441.5	.....	2,664 55	813.8	1,721 41
Morgan . . . . .	2	Northwest corner . . .	Medford st. No. 24, No. 26, No. 28,	And South st. No. 3	8.33 & 5.00	.....	79.7	84 18	.....	.....
Munroe . . . . .	5	Both . . . . .	Meacham st. . . . .	Mystic ave. . . . .	6.67	1,637.6	.....	1,684 06	545.9	1,095 41
Mystic . . . . .	6	Northerly . . . . .	Beacon st. to Park st. and south side	Front of No. 10, 12, 14	6.67	.....	346.2	389 89	.....	.....
*Newbury . . . . .	3	Both (where not already laid)	Boston st. . . . .	Prospect Hill ave. . .	10.00	798.1	.....	895 97	310.4	692 54
Partridge ave. . . .	1	Both . . . . .	Benedict st. . . . .	Mystic ave. . . . .	6.67	698 8	.....	797 61	271.8	788 73
Pearson road . . . .	7	Northwesterly . . . .	Holland st. . . . .	No. 73 inclusive	6 67	.....	779.7	1,061 93	.....	.....
*Pearson road . . . .	6	Westerly . . . . .	Near Beacon st. . . .	Fitchburg R. R. . . .	8.33	.....	444.7	460 23	.....	.....
*Rogers ave. . . . .	5	Southeasterly . . . .	Medford st. . . . .	Vernon st. . . . .	7.67	.....	670.4	867 25	.....	.....
*Sycamore . . . . .	7	Both . . . . .	Broadway . . . . .	Warner st. . . . .	6.67	1,149.0	.....	1,18 612	383.0	694 43
Vine st. . . . .	7	Easterly . . . . .	Estate No. 1 . . . . .	Frederick ave. . . . .	6.67	.....	31.8	71 79	.....	.....
Wesley st. . . . .	6	Easterly . . . . .	Morrison ave. . . . .	Broadway . . . . .	7.50	gran. 5.00 } sod 2.50 }	433.0	855 17	.....	.....
Willoughby . . . . .	6	Westerly . . . . .	Near Frederick ave. . .	.....	.....	gran. 5.00 } sod 2.50 }	500.6	934 16	.....	.....
	5	Easterly . . . . .	Medford st. . . . .	Richdale ave. . . . .	6.67	.....	309.6	443 37	.....	.....
	2	Both . . . . .	Beacon st. . . . .	Hanson st. . . . .	5.00	1,112.1	.....	1,063 34	370.7	751 07
	4	Southerly . . . . .	Pearl st. . . . .	Otis st. . . . .	6.67	.....	349.0	345 56	.....	.....
	5	Southwesterly . . . .	Central st. . . . .	No. 11 inclusive	6.67	.....	127.0	154 02	.....	.....
Total assessment . .						22,587.5	8,884.4	\$35,145 97	7,521.8	\$16,433 59
Net cost to city . .										

Amount of edgestone and brick sidewalk, including granolithic and tar, in front of private estates  
Totals. (Gravel sidewalks, 3.318 miles. Brick, granolithic, and tar sidewalks, 3.002 miles.)

\* Granolithic.

**Length of Public Streets in Each Ward.**

	Miles.
Ward one . . . . .	9.456
Ward two . . . . .	8.354
Ward three . . . . .	7.479
Ward four . . . . .	9.390
Ward five . . . . .	11.182
Ward six . . . . .	12.447
Ward seven . . . . .	15.787
Total length of public streets in the city .	74.095

**Miles of Edgestone, Brick, Granolithic and Gravel Sidewalks in Each Ward.**

	Edge- stone.	Brick & Granolithic Sidewalk.	Gravel Sidewalk.
Ward one . . . . .	16.893	12.365	4.528
Ward two . . . . .	13.473	5.955	7.518
Ward three . . . . .	13.918	11.915	2.003
Ward four . . . . .	13.539	10.064	3.475
Ward five . . . . .	18.640	11.766	6.874
Ward six . . . . .	20.963	15.487	5.476
Ward seven . . . . .	20.464	11.021	9.443
Total miles in the city . . . . .	117.890	*78.573	39.317

\*Includes 9.82 miles granolithic and tar concrete walk.

**Table of Street Construction.**

	Square Yds.	Miles.
*Streets paved with granite blocks . . . . .	68,542	2.85
Streets paved with "Hassam" pavement . . . . .	36,802	1.80
Streets paved with asphalt . . . . .	10,410	0.73
Streets paved with vitrified brick (Davis square) . . . . .	5,640	0.20
Streets paved with "bitulithic" . . . . .	14,689	0.88
**Streets macadamized . . . . .		67.45
Streets graveled or unimproved . . . . .		20.80
Total . . . . .		94.71

\*Also 31.8 miles (single track) electric railway, paved with granite, asphalt, "bitulithic."

\*\*Includes 2.84 miles boulevard, and 1.17 miles state highway.

Lines, grades, and measurements have been given and miscellaneous work done for extending the granite block pavement on Somerville avenue, from Kent street to Lowell street, a

length of 596 feet. Two thousand two hundred forty-two square yards were laid on a gravel foundation, with tar pitch joints, at a cost of \$5,586.27.

Granite block paving has been re-laid in various streets to the amount of 512 square yards. The total length of permanent paved streets in the city amounts to 6.46 miles, and includes five different kinds of pavement, namely,—granite blocks, "Hassam," "bitulithic," asphalt, and vitrified brick.

Only a small amount of permanent pavement was extended on the main thoroughfares the past year, the greater part of the work being the constructing of lateral streets.

These streets have been macadamized and the top course constructed with "trap-rock" and a mixture termed "Tarvia," used for a binder and dust-layer, at an average cost of about \$0.81 per square yard; showing an average cost of \$1.86 per lineal foot for macadamizing the roadway of a forty-foot street, built by the city, day labor.

Twelve streets have been re-macadamized or re-surfaced, a length of 9,479 feet (1.8 miles).

Mystic avenue, between Austin street and the Medford line, about 6,200 feet in length, and formerly an old turnpike road, has been taken as a state highway and thoroughly constructed with macadam roadway at a total cost of about \$30,000, and will be maintained in the future at the state's expense; the only cost to the city being whatever damages may accrue on account of construction work in front of the abutting estates.

On some of the principal streets, the edgestones should be completed, gutters paved, and catch basins added between the car tracks, so that the street can be properly drained in times of heavy storms. A considerable quantity of stone still remains on the two parcels of ledge property owned by the city, situated in West Somerville, that can be quarried and used for the foundation of streets and on sidewalk work, to the city's advantage. By using the stone from these two ledges and purchasing trap-rock, the city will have a sufficient supply of good road material for a number of years to come.

Where double car tracks have been laid in streets, leaving narrow roadways on either side, it is impossible to maintain a macadam surface, even at a heavy expense yearly, and these streets should be permanently paved with a suitable permanent pavement adapted to the character of the surroundings and amount of traffic and conditions encountered.

There are 31.8 miles of electric railroad (single track location) laid at the present time in the city's streets, and in water-



ing the main thoroughfares, time and expense could be saved by utilizing this trackage for running street-sprinkler cars, the same as in a number of cities throughout the state.

During the year 1908 sixty-five and seven-tenths miles of city streets have been watered, at a total cost of \$28,738.72.

**Abolition of Grade Crossings.** The special commission appointed by the court in 1905 to determine what should be done as to the abolishment of grade crossings on the line of the Fitchburg division of the Boston & Maine railroad, running through the southwesterly portion of the city, have nearly completed the duties for which they were appointed.

After many hearings held before this commission, various plans being presented and interested parties heard, a final plan and report was made on the Somerville-avenue crossing and a decree issued by the court in accordance therewith, July 7, 1908, whereby at this crossing the city's highway and the electric car service is to be carried over the steam railroad tracks by a bridge with elevated approaches having a three and one-half per cent. grade.

The contract for the work to be done at this crossing has been awarded, and considerable progress on the construction work has already been made, and it will probably be completed by August, 1909.

On the remaining crossings no decree has yet been issued, but it is known what the commissioners' report will be in regard to the matter, and final plans are being made to accompany their findings on the separation of grades at these various crossings.

This plan of abolishment of grade crossings to be adopted at two streets is the same as proposed by the city's scheme presented to the commission; at the other three crossings it is just the reverse of the city's scheme as presented.

By the final plan adopted, five crossings will be changed, at an estimated cost of about \$1,000,000, leaving a number of dead-end streets, while the city's scheme provided for the carrying of *all* streets across the railroad location at a cost slightly in excess of \$1,000,000.

No provision is made by the commission for crossings at Vine street, Kent street, or Sacramento street, and the steep approaches and old narrow bridges remain as at present at Prospect street and Washington street.

The plan to be adopted at Webster-avenue and Newton-street crossing (combined) for carrying the city's street over the railroad tracks by a bridge with elevated approaches is a very unsatisfactory solution of the problem for the city's welfare, and



Pearson road.....East side, south side Warner street.  
 Vine street.....East side, north side Beacon street.  
 Vine street.....West side, angle opposite Village street.

## SEWER DEPARTMENT.

### Sewers Construction Account.

#### STATEMENT OF EXPENSES, 1908.

Constructing "separate system" sewers (assessments levied) petitioned for . . .	\$2,451 40	
Constructing "separate system" sewers (no assessments) . . . . .	9,256 98	
Constructing "combined system" sewers (assessments levied) petitioned for . . .	477 93	
Constructing storm drains and overflows . . .	2,889 73	
Extending Tannery brook underdrain as per agreement of 1901 . . . . .	453 32	
Constructing fifty-two catch basins, street drainage . . . . .	3,125 48	
Final payments on sewers constructed, 1903, Work and materials furnished other departments . . . . .	263 95	
Sundry expenses, books and printing . . .	1,098 67	
Materials on hand December 31, 1908 . . .	16 50	
	500 38	
Total expenditure . . . . .		\$20,544 34
Transferred to Grade Crossings account . . .		1,000 00
Transferred to Public Buildings Construction account . . . . .		1,500 00
Amount overdrawn December 31, 1907 . . .		369 01
Total debit . . . . .		\$23,413 35
CREDIT.		
Appropriation . . . . .	\$30,000 00	
Assessments levied, sewers constructed, 1908 . . . . .	2,385 01	
Amount received for entrance fee, Pearson-road sewer . . . . .	30 34	
Amounts received from other departments, Materials on hand December 31, 1907 . . .	1,115 55	
	714 48	
Total credit . . . . .		\$34,245 38
Balance unexpended . . . . .		\$10,832 03

The greater part of the new construction work has been done by contract, and the remainder by the city employing day labor where old structures were to be remodeled or replaced by some difficult construction work.

All materials have been furnished by the city, and the prices paid for drain pipe, cement, supplies, etc., for the season have been by contract with the lowest bidder, and at an unusually low rate.



A number of sewers have been constructed as petitioned for in different sections of the city, or as considered necessary for the drainage system, and portions of the cost of construction assessed on the abutting estates under orders adopted by the board of aldermen.

Short lines of storm drains and overflows from congested sewers have been constructed during the year in the most needed districts.

The "separate system" sewers (those built for house drainage only) have been extended in a number of streets, and this system should be extended yearly until all the flooded districts in the city have two complete systems of drainage, the old sewer to be used for storm and surface water. The city pays the entire cost of these new sewer extensions for house drainage.

Wherever these new sewers are constructed, the house plumbing should be changed where necessary, and the house drains and conductor, or surface water drains, re-connected with both systems as soon as possible.

The Tannery brook underdrain has been re-laid and extended to Muller's tannery in Cambridge, according to an agreement made by the city in 1901 for furnishing water.

Small private sewers have been laid by the property owners, at their expense, in Adelaide road, Mardel circle, and in the sidewalk on Medford street (Tennyson street to Central street), a combined length of 485 feet.

New sewers and drains were constructed during the year varying in size from eight-inch pipe to twenty-inch pipe, and a re-enforced concrete structure three feet by three feet nine inches, in the following localities:—

"Separate system" sewers in:—

College avenue,—(east side) Two Penny Brook to opposite Talbot avenue.

Florence street,—(east side) Washington street to angle in street.

Garfield avenue,—Mystic avenue to Broadway (south-westerly side).

Joseph street,—(north side) end of old sewer to Lincoln parkway.

Kent court,—(both sides) Kent street to near end of court.

Miller street,—(both sides) Sacramento street to angle in street.

Mystic avenue,—(south side) Fellsway east to Cross street.



Newbury street,—Cambridge city line, northeasterly.  
Private lands and Powder House boulevard,—College  
avenue, across Tufts College land to boulevard  
(west side), and southerly to near Powder House  
square.

Sacramento street,—Beacon street to near Fitchburg  
railroad.

“Combined system” sewers in:—

Dante terrace,—Craigie street, westerly.

Grant street,—Sydney street to near Mystic avenue.

Storm drains in:—

Bowdoin street,—Washington street to Lincoln park.

Mallet street,—Lowden avenue to Willow avenue.

Willow avenue,—Mallet street, southerly.

Waverly street,—extension of outlet.

Tannery brook extension of underdrain, agreement of  
1901.

**Summary of Work.** Eighteen new sewers and drains have been constructed during the year, a total length of 7,310.8 linear feet (1.385 miles), at a cost of \$15,076.04; plans have been made showing these sewers in detail, and assessments levied on a portion of them, amounting to \$2,385.01. (See tabular statement of sewers and drains for 1908, showing itemized statement of work and cost.)

The total length of the city's drainage system is 98.57 miles, 24.51 miles being on the “separate system,” and 6.46 miles of storm drains, and the entire cost of construction has amounted to about \$1,221,765, exclusive of the amount paid to the state for assessments for the construction of the North Metropolitan sewerage system.

Fifty-two new catch basins have been constructed in the highways during the year, at an average cost of \$60.10 per basin, making a total of 1,515 catch basins in the city for street drainage purposes, constructed and maintained as follows:—

By the city (sewer department):—

Located in streets and subways . . . . .	1,466	basins
Located in city boulevard . . . . .	29	“
Located in parks (11), other city lots (9) . . . . .	20	“

Total catch basins constructed and maintained by city . . . . .	1,515	
By Boston & Maine railroad company on railroad locations . . . . .	29	basins
By state, located in boulevards . . . . .	52	“
	<hr/>	81

Total catch basins in city for drainage purposes . . . . .	1,596
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**Metropolitan Sewer Connections.** All of the city's ten connections with the North Metropolitan sewerage system are in

good condition. No new main connections have been required.

At the Somerville-avenue-Poplar-street connection with the Metropolitan sewer, records compiled from an automatic recording clock placed in the "regulator chamber" on the combined system show this outlet to have been cut off as follows:—

Year 1908, completely closed 469 hours, partly closed 605 hours.

This unusually large "cut-off" being partly caused on account of the Chelsea fire, when the state sewer for a time was inoperative, and the extra cost of maintenance paid the state was also in part due to this fire, one of the sewerage pumping stations being destroyed.

In previous years the following:—

Year 1907, completely closed 206 hours, partly closed 534 hours.

" 1906,	"	"	289	"	"	"	331	"
" 1905,	"	"	297	"	"	"	548	"
" 1904,	"	"	279	"	"	"	922	"
" 1903,	"	"	180	"	"	"	167	"
" 1902,	"	"	376	"	"	"	377	"
" 1901,	"	"	386	"	"	"	225	"
" 1900,	"	"	353	"	"	"	114	"

The city's assessment for the Metropolitan sewer system for the past year was \$33,197.83 on construction account and \$26,404.42 for maintenance, and the total amount paid the commonwealth of Massachusetts for this state sewer has been \$640,205.32 (1892-1908, both years inclusive). The total length of the Metropolitan sewerage system mains running through the city amounts to 3.368 miles.

**New Work.** The separate system should be extended in the old sections of the city each year, as the appropriation will allow.

The construction of the storm drainage system, commenced in the year 1905, should be continued in the vicinity of North Somerville, where buildings and new streets are being rapidly constructed; the outlet for this district being through the city of Medford into Mystic river.

In the vicinity of Lowell and Vernon streets, some arrangement should be made with the railroad company, whenever the highway bridge is constructed at Lowell street, for providing an outlet for storm water in this locality through the railroad valley, which would be beneficial to both city and railroad.

A large storm overflow drain has been contemplated for some time at the East Cambridge line, across private lands from Somerville avenue, discharging into the head of Miller's river; and when the new dam is completed on the old site of Craigie bridge, this matter of improving the city's drainage system should be carried out.





TABULAR STATEMENT OF SEWERS BUILT IN 1908.

LOCATION.				ITEMS OF CONSTRUCTION AND COST.																					
NAME OF STREET.	FROM	To	CONTRACTOR.	MATERIAL EXCAVATED.	Average Cut.	SEWER.		SUB-DRAIN.		Cubic yards Rock Excavation.	Price per cubic yard, Rock.	Manholes.	Average cost Manholes.	Inlets	PIPE SEWER, COST PER LINEAL FOOT.								Total cost.	Assessment.	Cost to City.
						Size in inches.	Length in feet.	Size in inches.	Length in feet.						Excavating, Re-filling, and Pipe Laying.		Price, including Sub-drain where laid.	Inspection.	Miscellaneous.	Lumber.	Resurfacing Streets, Repaving Sidewalks, etc.	Average cost per lineal foot.			
															Main Sewer.	Sub-drain.									
Bowdoin st. (storm drain) and Lincoln Park (storm drain) .	Washington st. . . .	Lincoln Park . . . .	Timothy F. Crimmings .	Sand and filling . . .	7.5	12	413.7	.....	.....	.....	.....	2	\$46.90	4	\$0.65 } ..... 0.98 }	.....	\$0.38	\$0.16	† \$0.23	\$0.14	.....	\$1.80	\$258.59	.....	\$858.59
*College ave. (easterly side) .	Private Land Sewer .	Opposite Talbot ave. .	Timothy F. Crimmings .	Sand . . . . .	8.7	8	642.0	5	212.0	0.5	\$3.00	3	48.21	26	0.69	0.20	0.23	0.06	0.02	0.04	.....	1.33	854.30	\$627.30	227.00
Dante ter. . . . .	Craigie st. . . . .	Westerly . . . . .	Day labor . . . . .	Hardpan and filling .	9.3	10	170.2	.....	.....	.....	.....	1	24.96	9	0.50	.....	0.29	0.11	0.01	.....	.....	1.06	180.21	180.07	0.14
*Florence st. (easterly side) .	Washington st. . . .	Near Angle . . . .	Day labor . . . . .	Hardpan . . . . .	7.1	8	470.0	.....	.....	.....	.....	2	44.78	18	0.49	.....	0.19	0.16	.....	.....	\$0.25	1.28	602.13	.....	602.13
*Garfield ave. . . . .	Mystic ave. . . . .	Broadway . . . . .	Timothy F. Crimmings .	Hardpan, clay and rock	12.6	20	1,154.5	5	452.3	55.0	3.00	3	54.90	50	1.65	0.20 } ..... 0.20 }	0.83	0.24	0.11	0.02	0.06	3.44	4,333.67	2,926.87	1,406.80
*Garfield ave., produced .	Broadway (n. e. side) .	Broadway (s. w. side) .	Timothy F. Crimmings .	Hardpan, clay and rock	14.0	18	105.7	5	105.7	34.3	5.00	1	54.90	.....	1.70	0.20 }	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grant st. . . . .	Sydney st. . . . .	Near Mystic ave. . .	Wm. J. McCarthy Co. .	Ballast . . . . .	7.5	10	258.0	.....	.....	13.2	1.00	1	45.46	22	0.60	.....	0.24	0.09	.....	.....	.....	1.15	297.72	297.57	0.15
*Joseph st. (northerly side) .	End sewer built 1899 .	Lincoln parkway . .	Day labor . . . . .	Filling . . . . .	8.6	8	58.0	.....	.....	.....	.....	1	36.27	1	0.70	.....	0.26	0.17	.....	.....	.....	1.75	101.69	.....	101.69
*Kent court (both sides) .	Kent st. . . . .	Northwesterly . . .	Timothy F. Crimmings .	Sand . . . . .	5.5	8	523.0	.....	.....	.....	.....	4	36.84	20	0.37	.....	0.21	0.14	0.03	.....	.....	1.03	540.06	.....	540.06
Mallet st. (storm drain) and Willow ave. (storm drain) .	Lowden ave. . . . .	Willow ave. . . . .	Day labor . . . . .	Filling . . . . .	6.0	10	237.8	.....	.....	.....	.....	1	41.48	.....	} 0.50	.....	0.25	0.13	.....	.....	.....	1.01	307.21	.....	307.21
	Mallet st. . . . .	Southwesterly . . .	Day labor . . . . .	Filling . . . . .	6.0	10	64.9	.....	.....	.....	.....	.....	.....	1											
*Miller st. (both sides) . .	Sacramento st. . . .	Angle in street . . .	Bartholomew Burke . .	Sand . . . . .	8.5	8	676.4	5	73.0	.....	.....	2	37.86	25	0.58	0.20	0.22	0.11	.....	0.01	.....	1.05	708.51	.....	708.51
*Mystic ave. (southerly side) .	Fellsway east . . . .	Garfield ave. . . . .	Timothy F. Crimmings .	Filling . . . . .	13.0	20	467.0	5	467.0	8	4.00	3	62.95	.....	1.85	0.20 }	} 0.83	0.32	.....	0.24	0.22	3.81	2,674.40	.....	2,674.40
.....	Garfield ave. . . . .	Cross st. . . . .	Timothy F. Crimmings .	Filling . . . . .	11.5	12	235.6	5	230.0	4	4.00	1	62.95	7	0.98	0.20 }									
*Newbury st. . . . .	Camb. City Line . . .	N'rth easterly to old sewer	Bartholomew Burke . .	Sand and gravel . . .	7.3	8	299.5	.....	.....	.....	.....	.....	.....	26	0.48	.....	0.28	0.05	0.09	.....	.....	0.90	270.00	260.50	9.50
*Private Lands and * Powder House blvd. (west'ly side)	College ave. . . . .	Powder House blvd. .	Charles A. Kelley . .	Sand . . . . .	6.2	8	577.5	5	196.0	.....	.....	1	42.15	18 }	} 0.40	0.20	0.22	0.05	0.01	0.04	.....	1.26	1,225.41	1,019.57	205.84
	Athletic Field . . . .	Near Powder House sq.	Charles A. Kelley . .	Sand, rock and hardpan	6.6	8	394.2	.....	.....	130	2.50	3	42.15	17 }											
*Sacramento st. . . . .	Beacon st. . . . .	Near Fitchburg R. R. .	Bartholomew Burke . .	Sand . . . . .	7.4	8	267.8	5	97.0	.....	.....	3	37.96	17	0.53	0.20	0.24	0.18	0.03	0.01	....	1.49	393.21	.....	398.21
Tannery Brook Storm Drain, concrete invert, relaying and extending underdrain as per agreement of 1901 .	ing invert, relaying and extending underdrain as	per agreement of 1901 .	.....	.....	.....	.....	.....	5	400.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.15	458.32	.....	458.32
Waverly st. (extension of outlet) storm drain . . . . .	Tide Gate Chamber . .	Southerly . . . . .	Day labor . . . . .	Filling . . . . .	9.0	36x45	231.0	Re-en forced	concrete structure.	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	7.46	1,723.93	.....	1,723.93
Total length and cost of new sewers and drains built in 1908,																							\$15,534.36	\$5,311.88	\$10,222.48

\* Separate system sewer.  
† Drainage of Lincoln Parkway.

Total length of sewers built by the city, January 1, 1909 . . . . . 451,558.5 feet. (120 feet relaid.)  
Total length of private sewers in the city, January 1, 1909 . . . . . 34,748.0 feet. (485 feet added to city sewerage system.)  
Total length of sewers in the city, January 1, 1909 . . . . . 486,306.5 feet, or 92.104 miles. (24.513 miles separate system.)  
Total length of storm drains in the city, January 1, 1909 . . . . . 34,130.3 feet, or 6.464 miles.  
Total length of the city drainage system, January 1, 1909 . . . . . 98.568 miles.  
Total length of Met. sewerage system mains running through the city . . . . . 3.368 miles.



During the past year the state has taken land in the cities of Somerville and Cambridge and the towns of Arlington and Belmont for the purpose of improving the sanitary condition of Alewife brook within the limits of the referred-to cities and towns, and considerable preliminary work has been done. A portion of this brook at its outlet into Mystic river has already been straightened and dredged, and the work will probably be extended the coming year.

The following table shows an itemized cost of sewers constructed during 1908, and in the 1907 report tables are given showing sewers constructed on the "separate system"; storm drains constructed; size and materials of construction of the city's entire drainage system:—

### Sewers Maintenance Account.

#### STATEMENT OF EXPENSES, 1908.

Maintenance of sewers, including cleaning and flushing (98.6 miles)	\$2,741 53
Maintenance of catch basins, cleaning and flushing (1,515)	7,422 44
Changing line and grade and repairing catch basins	384 25
Changing line and grade and repairing manholes	311 47
Repairing old sewers	138 19
Inspection and location of house drains	217 00
New tools and supplies	209 08
Repairs of tools and property	96 94
Sundry expenses, car fares, telephone, books, etc.	116 65
Maintenance of sewer department yards and buildings	362 40
Work and materials furnished other departments and companies	878 56
<b>Total debit</b>	<b>\$12,878 51</b>
CREDIT.	
Appropriation	\$12,000 00
Amounts received from other departments and companies, labor, materials furnished	878 56
Received from W. A. Rice for deed	1 00
<b>Total credit</b>	<b>\$12,879 56</b>
Balance unexpended	\$1 05
Value of tools and property on hand used in maintenance of sewers	\$907 00

A permanent force of men and teams are kept continually at work flushing, cleaning, and repairing the city's drainage system, the expense necessarily increasing yearly as lengths of sewers, drains, and catch basins are added to the system.

About 9,500 cubic yards of deposit have been removed from the catch basins and sewers during the year, and the average cost per mile for this cleaning and maintaining has amounted to \$103.08.

Seventy-nine catch basins and ninety-six manholes have been repaired and grade or line changed.

A number of repairs have been made on some of the old sewers, alterations made in the outlets, and overflows and extra manholes built for the purpose of improving the system.

Two hundred and fifty-nine permits have been issued to licensed drain layers for connecting buildings with the main sewers, forty-nine being for repairs or alterations; all of the work being done under the supervision of the city's inspector. There are to date about 13,868 private drain connections with the city's drainage system.

During the year the sewer department has done considerable miscellaneous work for other city departments and outside companies where alterations and new construction work has been required, furnishing materials and labor, and being reimbursed for the same to the amount of \$878.56.

There are a number of old private sewers that should be released to the city so that they can be thoroughly repaired or re-constructed and put in a good sanitary condition, and be maintained in the future by the city.

### PUBLIC GROUNDS DEPARTMENT.

At the present time there are eighteen separate parcels of land located in all parts of Somerville, used for parks and playgrounds, amounting to 66.1 acres, and also a boulevard about one and one-third miles in length maintained by the city; included in this total area are playgrounds where the land is owned by private parties and leased to the city, for use, in the following localities: On Winthrop avenue (Fellsway east), two and one-half acres; Knowlton street, one and one-half acres; the Broadway athletic field in West Somerville, 4.4 acres; and the cemetery lot, .7 acre.

This area of parks and playgrounds, in comparison with other cities, is one of the best, Somerville being very small in area and the most densely-populated city in the state, about 18,000 per square mile.

Four of the larger pleasure parks, namely, Central Hill, Prospect Hill, Powder House park, and Broadway park, are beautifully-laid-out spots in a thickly-settled city, and famous for what they represent historically. Less than twenty years ago the city owned and maintained but two parks, and at the present time the acreage has increased to more than double the amount; and until the year 1899 the city maintained no field for athletic purposes of any description, while at the present time (less than ten years) there are seven baseball fields and three football fields in use and under the city's supervision, as well as numerous smaller playgrounds, on which are located an outdoor gymnasium, running tracks, tennis courts, etc., for recreation and rest, where children can play and enjoy themselves, and are safe from the dangers of a thickly-settled city.

There are a number of vacant lots in the city, owned by private parties, large enough for the purpose of establishing recreation grounds and breathing spaces, which undoubtedly could be obtained for short term leases by payment of the taxes to the owner of the property, and be of great benefit to a large number in the congested parts of the city.

Additional apparatus should be erected on some of the principal parks and playgrounds, such as swings, tilts, sand-piles, etc., for the smaller children's pleasure, and parallel bars, flying rings, horizontal ladders, etc., installed for recreation, where a regular park employee can have the care of the same.

Permanent shelters, constructed of re-inforced concrete, should be erected on several of the play fields, in place of some of the old wooden structures now existing.

At the westerly end of Lincoln park, a swimming pool having an area of not over 3,000 square feet could be constructed,

with a concrete bottom and side walls, at a small cost, and would be a source of much enjoyment and beneficial to a very large number of children in the immediate vicinity.

Considering the popularity and general feeling of the public in regard to athletics and outdoor exercise in general, as shown in our own city in the last ten years' time, the question arises of the city's having at least one large permanently-located field for such a purpose, inasmuch as the best and only enclosed field **at present in the city** is maintained on leased land, belonging to the trustees of Tufts College, which in a short time will not be available for the city's use; the lease expires July 1, 1911, or sooner, if the college authorities so desire. Notice of such termination has been received, accompanied by a plan showing the field laid out into streets and building lots, but no definite action has been taken as yet.

A plan has been made recently showing the lay-out of a new proposed field where all kinds of athletic contests could be held, and could be constructed in a term of years, a portion at a time, without handicapping the finances of the city in the least. The location of this proposed field being in the northwesterly section of the city bordering Alewife brook and the Powder House boulevard, including an area of about ten acres, and negotiations are pending with the Metropolitan park commission whereby this area may be transferred to the city, permanently, for recreation purposes.

An area owned by the city, and known as the Collins and Ham ledge property, located on Clarendon hill, near the Cambridge boundary line, might be developed in the future into a pretty pleasure park, similar in nature to the Powder House park; also the Holland-street property, owned by the city, and situated in West Somerville, could be developed in the future by laying out a portion of the area for streets and house lots, and the remainder used for recreation purposes.

With all of these various parcels of land referred to properly developed in the future as parks, playgrounds, and resting places, the city will be amply provided in this line, and second to none in the state.

A strip in the centre of Broadway, between the Charlestown line and Fellsway (east), has been reserved as a parkway. The portion of this reserved space between the double car tracks has been loamed and shrubbery planted during the year, the expense charged to the Highway department, under which it will be maintained in the future.

As an experiment, "Tarvia" has been applied on the macadam surface of a section of Powder House boulevard, where the roadway has been badly worn, caused by the large



amount of automobile travel, and this work should be continued until the entire length of this driveway has been put in a satisfactory condition; also, the roadway on Prospect Hill park should receive similar treatment.

Steep grade walks on some of the parks have been tar-concreted, or "tarviated," to prevent washing in times of storms; and edgestone has been set on a portion of the Munroe-street sidewalk at Prospect Hill park.

The granite curbing around the pond in Broadway park has been re-set during the year.

At Lincoln park a new sanitary, sink, etc., have been installed. On Central Hill park many of the concrete walks should be re-constructed, and additional walks will be required when the soldiers' memorial is completed.

The larger areas have been policed by regular officers from the police department, when required, the expense being paid from the police appropriation, trees and shrubs added to the various grounds, and bulbs, plants, and flowers furnished in their seasons, and during the winter time ponds flooded for skating when the weather was favorable.

Several fields have been maintained for ball playing and constantly in use by the many athletic teams, the games being arranged for and regularly scheduled on the various grounds throughout the season, over 200 games being provided for.

The Somerville High School Association has paid a portion of the cost of maintaining the enclosed athletic field, amounting to \$132 for 1908.

About \$1,500 has been spent during the year in laying out and grading the proposed new athletic field, formerly known as "Wild Cat Hill gravel pit"; an area of about three and one-half acres being practically ready for use.

The city's assessment for Metropolitan parks and boulevards for the year 1908 amounted to \$16,088.51 on construction account, and \$14,765.29 being the proportional cost for maintaining the same; in addition to this, the city's special assessment for the newly-constructed Wellington bridge across Mystic river, on the line of the Metropolitan parkway, amounted to \$5,308.42 on construction account, and \$857.12 for maintenance. Somerville pays a separate assessment, together with four other cities, of twelve and one-half per cent. of the cost of construction and maintenance of this new bridge, besides the proportional part of the Metropolitan park district assessment. The total of the above assessments amount to \$37,019.34, being

Somerville's proportional payment to the state on account of the Metropolitan park system for the year 1908.

The total assessment paid to the state for parks and boulevards amounts to \$232,024.94 January 1, 1909, and the only length of state boulevard at present constructed in this city consists of seven-tenths of a mile of double roadway, located in the easterly part of the city, and extending between Broadway and Mystic river.

Whenever the plan of sanitary improvement is completed along the line of Alewife brook, on the northwesterly boundary of Somerville, a boulevard will be constructed along the banks of this brook at small expense, connecting Massachusetts avenue in Cambridge with the city's Powder House boulevard, which will improve the general conditions in this section of the city, and enhance the value of surrounding property.

A concrete bridge has just been completed over Alewife brook, near its outlet at Mystic river, connecting the northerly end of Powder House boulevard with the Mystic Valley parkway.

### Maintenance Account (Public Grounds).

#### STATEMENT OF EXPENSES.

##### Broadway Park (15.9 acres):—

Maintenance of grounds and general care of property, labor, and teams . . .	\$1,226 07
Re-setting curbing around pond . . .	265 00
Tools and supplies . . .	106 01
Repairing tools and property . . .	28 31
Plants, flowers, bulbs, and shrubs . . .	155 15

\$1,780 54

##### Broadway Parkway (2.0 acres, Grant street to Boston line):—

Maintenance of grounds, labor . . .	\$220 67
Plants, flowers, trees, etc. . . . .	78 00

298 67

##### Central Hill Park (13.1 acres):—

Maintenance of grounds and general care of property, labor, and teams . . .	\$1,240 45
Re-constructing walks and driveway . . .	235 89
Tools and supplies . . . . .	107 95
Repairing tools and property . . . . .	149 64
Plants, flowers, bulbs, trees, and shrubs . . .	412 03

2,146 01

##### Prospect Hill Park (2.6 acres):—

Maintenance of grounds and observation tower, labor and teams . . . . .	\$1,027 64
Re-constructing walks and hand railings . . .	202 66
Sidewalk assessment . . . . .	41 37
Tools and supplies . . . . .	65 53
Repairing tools and property . . . . .	127 81
Trees and shrubs . . . . .	8 80

1,473 86

Amount carried forward . . . . . \$5,699 08

Amount brought forward . . . . .		\$5,699 08	
Lincoln Park (8.3 acres):—			
Maintenance of grounds and general care of property, labor and teams . . . . .	\$889 63		
Re-macadamizing roadway . . . . .	364 68		
Sidewalk assessment . . . . .	141 39		
New sanitary, sink, etc. . . . .	93 50		
Tools and supplies . . . . .	129 82		
Repairing tools and property . . . . .	208 52		
Plants, flowers, bulbs, etc. . . . .	56 25		
			1,883 79
Tufts Park (4.5 acres):—			
Maintenance of grounds and general care of property, labor and teams . . . . .	\$810 32		
Tools and supplies . . . . .	56 94		
Repairing tools and property . . . . .	28 01		
Plants, flowers, bulbs, trees, and shrubs . . . . .	178 30		
			1,073 57
Paul Revere Park:—			
Maintenance of grounds, labor . . . . .			10 00
Broadway Athletic Field, Tufts College land (4.4 acres leased):—			
Maintenance of grounds and care of prop- erty, labor and teams . . . . .	\$643 71		
Tools and supplies . . . . .	13 31		
Repairing property, fence, seats, and building . . . . .	181 02		
			838 04
Playgrounds, Glen street, corner Oliver street (0.9 acres + 1.5 acres leased):—			
Maintenance of grounds, labor . . . . .	\$26 16		
Repairing property . . . . .	17 11		
			43 27
Playgrounds, Poplar street, corner Joy street (0.4 acre):—			
Maintenance of grounds, labor . . . . .			10 00
Playgrounds, Webster avenue, near Cam- bridge line (0.2 acre):—			
Maintenance of grounds, labor . . . . .			5 00
Playgrounds, Beacon street, near Washing- ton street (0.2 acre):—			
Maintenance of grounds, labor . . . . .			11 50
Playgrounds, Winthrop avenue (Fellsway east) (2.5 acres leased):—			
Maintenance of grounds, labor . . . . .			14 62
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—			
Maintenance of grounds, labor . . . . .	\$29 00		
Repairing property . . . . .	5 16		
			34 16
Playgrounds, Belmont street, near Summer street (0.4 acre):—			
Maintenance of grounds, labor . . . . .	\$60 18		
Re-constructing walks . . . . .	70 38		
Plants, flowers, bulbs, trees, and shrubs . . . . .	93 05		
			223 61
Playgrounds, Broadway, corner Cedar street (4.2 acres):—			
Maintenance of grounds, labor and teams,	\$292 67		
Amounts carried forward . . . . .	\$292 67		\$9,846 64

Amounts brought forward . . . . .	\$292 67	\$9,846 64
Shrubs for slopes . . . . .	10 80	
Tools and supplies . . . . .	35 89	
	<hr/>	339 36
New Athletic Field, located between Powder House boulevard and Alewife brook, near West Medford line (3.5 acres):—		
Loaming and seeding . . . . .	\$389 30	
Maintenance of grounds, labor . . . . .	122 00	
Tools and supplies . . . . .	88 69	
	<hr/>	599 99
Cemetery, Somerville avenue (0.7 acre):—		
Maintenance of grounds, labor . . . . .		52 53
Powder House Boulevard (1 1-3 miles long):—		
Maintenance of roadway, walks, and grass plots, labor and teams . . . . .	\$476 03	
Trees . . . . .	24 63	
Improvement of roadway with "Tarvia" . . . . .	71 03	
New signs . . . . .	56 50	
	<hr/>	628 19
Incidentals . . . . .		42 00
		<hr/>
Total expenditure, maintenance (66.1 acres) 57.0 acres city property + 8.4 acres leased land, 0.7 cemetery and 1.36 miles of boulevard, and 0.54 miles parkway—roads . . . . .		\$11,508 76
CREDIT.		
Appropriation . . . . .	\$10,700 00	
Received from High School Athletic Association, repairing seats and fence, 1908, . . . . .	132 00	
Received from other departments for sod, gravel, and work . . . . .	626 77	
Charged Boston Elevated Railway Company, partial maintenance Broadway parkway, 1908 . . . . .	50 00	
	<hr/>	
Total credit . . . . .		\$11,508 77
		<hr/>
Balance unexpended . . . . .		\$0 01
Value of tools and property used in maintenance of grounds . . . . .		\$1,500 00
<b>Construction Account.</b>		
Appropriation . . . . .	\$1,500 00	
From Public Grounds account . . . . .	5 56	
	<hr/>	\$1,505 56
Cost of grading,—labor, teaming, supplies, etc. . . . .		\$1,505 56

**APPENDED TABLE.**

Following this report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; in the 1901 report a table was given showing the location and names of public squares in the city, and in the 1898 report old names of certain streets as formerly known.

Respectfully submitted,

ERNEST W. BAILEY,

City Engineer.



TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF  
PUBLIC AND PRIVATE STREETS.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Abdell pl. . . .	Somerville ave. .	Southwesterly . .	Private.	25	....	203
Aberdeen road .	Cedar st. . . .	Highland ave. . .	Private.	40	....	411
Aberdeen road ext.	Angle . . . .	Westerly . . . .	Private.	30	....	67
Adams . . . .	Broadway . . . .	Medford st. . . .	Public.	40	907	....
Addison pl. . .	Somerville ave. .	Southwesterly . .	Private.	20	....	150
Adelaide rd. . .	Somerville ave. .	Easterly . . . .	Private.	20	....	138
Adrian . . . .	Marion st. . . .	Joseph st. . . .	Public.	40	579	....
Albion pl. . . .	Albion st. . . .	Northeasterly . .	Private.	10	....	166
Albion ct. . . .	Albion st. . . .	Southwesterly . .	Private.	16	....	116
Albion . . . .	Central st. . . .	Cedar st. . . .	Public.	40	2,742	....
Albion . . . .	Broadway . . . .	Medford line . .	Private.	50	....	100
Albion ter. . . .	Albion st. . . .	Southwesterly . .	Private.	25	....	100
Aldersey . . . .	Walnut st. . . .	Vinal ave. . . .	Public.	40	508	....
Aldrich . . . .	Pearl st. . . .	B. & L. R. R. . .	Public.	40	611	....
Alfred . . . .	Broadway . . . .	Medford line . .	Private.	50	....	50
Allen . . . .	Somerville ave. .	Charlestown st. .	Private.	25	....	680
Allen ct. . . .	Park st. . . .	Northwesterly . .	Private.	20	....	150
Alpine . . . .	Cedar st. . . .	Southeasterly . .	Public.	30	667	....
Alpine . . . .	Alpine st. . . .	Lowell st. . . .	Public.	40	688	....
Alston . . . .	Cross st. . . .	Shawmut pl. . .	Public.	40	567	....
Ames . . . .	Bartlett st. . . .	Robinson st. . .	Public.	40	580	....
Appleton . . . .	Willow ave. . . .	Clifton st. . . .	Public.	40	548	....
Appleton . . . .	Clifton st. . . .	Liberty ave. . .	Public.	40	120	....
Arlington . . . .	Franklin st. . . .	Lincoln st. . . .	Public.	40	452	....
Arnold ave. . . .	Porter st. . . .	Southeasterly . .	Private.	15	....	127
Arnold ct. . . .	Beacon st. . . .	Northeasterly . .	Private.	10	....	115
Arthur ct. . . .	Linden st. . . .	Easterly . . . .	Private.	about 10	....	100
Arthur . . . .	Broadway . . . .	Bonair st. . . .	Public.	40	438	....
Ash ave. . . .	Meacham st. . . .	East Albion st. .	Public.	40	554	....
Ash ave. . . .	East Albion st. .	Northeasterly . .	Private.	40	....	151
Ashland . . . .	Summer st. . . .	Sartwell ave. . .	Public.	30	478	....
Atherton . . . .	Central st. . . .	Beech st. . . .	Public.	40	264	....
Auburn ave. . . .	Cross st. . . .	B. & L. R. R. . .	Private.	30	....	600
Austin . . . .	Broadway . . . .	Mystic ave. . . .	Public.	40	716	....
Autumn . . . .	Broadway . . . .	Bonair st. . . .	Public.	20	408	....
Avon . . . .	School st. . . .	Central st. . . .	Public.	40	1,360	....
Avon pl. . . .	Cross st. . . .	B. & L. R. R. . .	Private.	25	....	150
Banks . . . .	Elm st. . . .	Summer st. . . .	Public.	40	639	....
Bartlett . . . .	Vernon st. . . .	Broadway . . . .	Public.	40	1,550	....
Bartlett . . . .	Washington st. .	Southerly . . . .	Private.	20	....	200
Barton . . . .	Broadway . . . .	Russell road. . .	Private.	40	....	382
Bay State ave. .	Broadway . . . .	Fosket st. . . .	Public.	40	1,237	....
Beach ave. . . .	Webster ave. . .	Columbia st. . .	Private.	about 20	....	200
Beacon pl. . . .	Beacon st. . . .	Northeasterly . .	Private.	15	....	200
Beacon . . . .	Cambridge line .	Somerville ave. .	Public.	66	6,007	....
Beacon ter. . . .	Somerville ave. .	Northeasterly . .	Private.	24	....	110
Bean's ct. . . .	Cutter st. . . .	Southeasterly . .	Private.	16	....	100
Beckwith circle .	Beacon st. . . .	Southwesterly . .	Private.	20	....	120
Bedford . . . .	South st. . . .	Cambridge line .	Public.	30	165	....
Beech . . . .	Somerville ave. .	Spring st. . . .	Public.	40	800	....
Bellevue ter. . .	Albion st. . . .	Northeasterly . .	Private.	20	....	90
Belknap . . . .	Broadway . . . .	Russell road. . .	Private.	40	....	449
Belmont . . . .	Somerville ave. .	Highland ave. . .	Public.	40	2,192	....
Belmont pl. . . .	Belmont st. . . .	Southeasterly . .	Private.	25	....	175
Belmont ter. . . .	Belmont st. . . .	Easterly . . . .	Private.	15	....	137
Benedict ave. . .	Broadway . . . .	Benedict st. . . .	Private.	20	....	200
Benedict . . . .	Union st. . . .	Austin st. . . .	Public.	40	585	....
Bennett ct. . . .	Bennett st. . . .	Prospect st. . . .	Private.	10	....	100
Bennett . . . .	Prospect st. . . .	Bennett ct. . . .	Private.	40 to 25	....	400
Benton road . . .	Summer st. . . .	Hudson st. . . .	Public.	40	1,208	....
Berkeley . . . .	School st. . . .	Central st. . . .	Public.	40	1,360	....
Berwick . . . .	Lawrence st. . .	Northwesterly . .	Private.	20	....	170
Bigelow . . . .	Boston st. . . .	Munroe st. . . .	Public.	50	208	....
Billingham . . . .	Broadway . . . .	William st. . . .	Public.	40	563	....
Bishop's pl. . . .	Glen st. . . .	Easterly . . . .	Private.	10	....	75
Blakeley ave. . .	Fellsway east . .	Cross st. . . .	Private.	40	....	630
Bleachery ct. . .	Somerville ave. .	Fitchburg R. R. .	Private.	30	....	450
Bolton . . . .	Oak st. . . .	Houghton st. . .	Public.	40	476	....
Bonair . . . .	Cross st. . . .	Walnut st. . . .	Public.	40	1,535	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Bond . . . . .	Broadway . . . .	Jaques st. . . . .	Public.	40	655	....
Bonner ave. . . .	Washington st. . .	Columbus ave. . . .	Public.	40	376	....
Boston ave. . . .	Medford line . . .	Mystic river . . . .	Public.	60	915	....
Boston ave. . . .	Broadway . . . . .	Medford line . . . .	Public.	50	80	....
Boston ave. . . .	Broadway . . . . .	Highland road . . . .	Public.	65	287	....
Boston ave. . . .	Highland road . . .	Pritchard ave. . . .	Public.	50	509	....
Boston ave. . . .	Pritchard ave. . . .	Easterly to angle in st.	Private.	50	....	146
Boston ave. . . .	Angle in st. south'ly	Morrison ave. . . . .	Private.	40	....	1,025
Boston . . . . .	Washington st. . . .	Prospect Hill ave. . .	Public.	45	640	....
Boston . . . . .	Prospect Hill av. . .	Walnut st. . . . .	Public.	40	1,242	....
Bow . . . . .	Union sq. . . . .	Wesley sq. . . . .	Public.	60	658	....
Bow . . . . .	Wesley sq. . . . .	Somerville ave. . . .	Public.	50	570	....
Bowdoin . . . . .	Washington st. . . .	Lincoln park . . . .	Public.	40	341	....
Bowers ave. . . .	Cottage ave. . . . .	Elm st. . . . .	Private.	24	....	288
Bow St. pl. . . . .	Bow st. . . . .	Northwesterly . . . .	Private.	40	....	300
Bradford ave. . . .	School st. . . . .	Southeasterly . . . .	Private.	40	....	150
Bradley . . . . .	Pearl st. . . . .	Walter st. . . . .	Public.	40	762	....
Brastow ave. . . .	Lowell st. . . . .	Porter st. . . . .	Public.	40	686	....
Bristol road . . . .	Broadway . . . . .	Medford line . . . .	Private.	40	....	93
Broadway . . . . .	Charlestown line . .	Cross st. . . . .	Public.	100	2,590	....
Broadway . . . . .	Cross st. . . . .	Marshall st. . . . .	Public.	100 to 200	2,060	....
Broadway . . . . .	Marshall st. . . . .	Main st. . . . .	Public.	100	1,570	....
Broadway . . . . .	Main st. . . . .	Top of hill . . . . .	Public.	100 to 90	1,030	....
Broadway . . . . .	Top of hill . . . . .	Albiou st. . . . .	Public.	90	2,540	....
Broadway . . . . .	Albion st. . . . .	Willow ave. . . . .	Public.	90 to 70	1,030	....
Broadway . . . . .	Willow ave. . . . .	Paulina st. . . . .	Public.	70	3,250	....
Broadway . . . . .	Paulina st. . . . .	Arlington line . . . .	Public.	65-60-65	3,220	....
Broadway pl. . . .	Broadway . . . . .	Southwesterly . . . .	Private.	22	....	250
Bromfield road . .	Warner st. . . . .	Dearborn road . . . .	Public.	40	....	1,262
Brook . . . . .	Glen st. . . . .	Cross st. . . . .	Public.	40	504	....
Browning road . . .	Sycamore st. . . . .	Central st. . . . .	Public.	40	679	....
Buckingham . . . .	Beacon st. . . . .	Dimick st. . . . .	Public.	40	292	....
Burnside ave. . . .	Elm st. . . . .	Summer st. . . . .	Public.	40	720	....
Caldwell ave. . . .	Washington st. . . .	Southerly . . . . .	Private.	20	....	210
Calvin . . . . .	Beacon st. . . . .	Dimick st. . . . .	Public.	40	263	....
Calvin . . . . .	Dimick st. . . . .	Washington st. . . .	Public.	30	392	....
Cambria . . . . .	Central st. . . . .	Benton road . . . . .	Public.	40	488	....
Cameron ave. . . .	Holland st. . . . .	Cambridge line . . . .	Public.	60	1,065	....
Campbell pk. . . .	Meacham rd. . . . .	Kingston st. . . . .	Public.	40	399	....
Campbell Pk. pl. .	Kingston st. . . . .	Arlington Br. R. R. . .	Private.	20	....	84
Carlton . . . . .	Somerville ave. . . .	Lake st. . . . .	Public.	40	300	....
Carver . . . . .	Porter st. . . . .	Northwesterly . . . .	Private.	40	....	156
Cedar ave. . . . .	Cedar st. . . . .	Linden ave. . . . .	Private.	22	....	290
Cedar ct. . . . .	Cedar st. . . . .	Southeasterly . . . .	Private.	15+	....	70+
Cedar St. pl. . . .	Murdock st. . . . .	Southwesterly . . . .	Private.	20	....	220
Cedar St. pl. . . .	Cedar n'r Elm st. . .	Southeasterly . . . .	Private.	12+	....	80+
Cedar . . . . .	Elm st. . . . .	Broadway . . . . .	Public.	40	4,137	....
Central . . . . .	Somerville ave. . . .	Summer st. . . . .	Public.	33	1,043	....
Central . . . . .	Summer st. . . . .	Medford st. . . . .	Public.	40	2,539	....
Central . . . . .	Medford st. . . . .	Broadway . . . . .	Public.	45	1,079	....
Centre . . . . .	Albion st. . . . .	B. & L. R. R. . . . .	Private.	35	....	200
Chandler . . . . .	Park ave. . . . .	Broadway . . . . .	Public.	40	1,232	....
Chapel . . . . .	College ave. . . . .	Chandler st. . . . .	Public.	40	273	....
Chapel ct. . . . .	Sycamore st. . . . .	Northwesterly . . . .	Private.	12	....	130
Charles . . . . .	Washington st. . . .	Southerly . . . . .	Public.	30	166	....
Charlestown . . . .	Allen st. . . . .	Easterly . . . . .	Private.	15	....	400
Charnwood road . .	Willow ave. . . . .	Hancock st. . . . .	Public.	40	589	....
*Chelsea . . . . .	Mystic ave. . . . .	Melrose st. . . . .	Private.	50	....	1,390
Cherry . . . . .	Elm st. . . . .	Highland ave. . . . .	Public.	45	1,450	....
Chester . . . . .	Elm st. . . . .	Cambridge line . . . .	Public.	40	885	....
Chester ave. . . . .	Medford st. . . . .	Angle . . . . .	Public.	about 22	220	....
Chester ave. . . . .	Angle . . . . .	Cross st. . . . .	Private.	20	....	445
Chester pl. . . . .	Chester st. . . . .	Northwesterly . . . .	Private.	40	....	200
Chestnut . . . . .	Poplar st. . . . .	Southeasterly . . . .	Public.	40	537	....
Church . . . . .	Summer st. . . . .	Lake st. . . . .	Public.	40	964	....

\*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
City road . . .	Broadway . .	Cedar st. . . .	Private.	45	....	980
Claremon . . .	Holland st. . .	Mead st. . . . .	Public.	40	560	....
Clarendon ave.	Broadway . . .	Cambridge line .	Public.	40	1,217	....
Clark . . . .	Newton st. . .	Lincoln parkway .	Private.	35	....	545
Cleveland . . .	Central st. . .	Harvard st. . . .	Public.	40	459	....
Clifton . . . .	Appleton st. . .	Morrison ave. . .	Public.	40	200	....
Clifton . . . .	Morrison ave. .	Arlington Br. R.R.	Private.	40	....	220
Clyde . . . . .	Cedar st. . . .	Murdock st. . . .	Private.	30	....	600
College ave. . .	Davis sq. . . .	Medford line . .	Public.	60	4,080	....
Columbia . . . .	Webster ave. . .	Cambridge line .	Public.	40	816	....
Columbia ct. . .	Columbia st. . .	Webster ave. . . .	Private.	9	....	150
Columbus ave. .	Washington st. .	Walnut st. . . . .	Public.	40	1,425	....
Concord ave. . .	Prospect st. . .	Wyatt st. . . . .	Public.	40	1,483	....
Concord ave. . .	Wyatt st. . . .	Beacon st. . . . .	Public.	30	472	....
Congress pl. . .	Linwood st. . .	Southwesterly . .	Private.	16	....	200
Conlon ct. . . .	Columbia st. . .	Easterly . . . . .	Private.	20	....	200
Conwell ave. . .	Curtis st. . . .	North st. . . . .	Private.	40	....	1,349
Conwell . . . .	Highland ave. .	Southwesterly . .	Public.	35	363	....
Cooney . . . . .	Beacon st. . . .	Line st. . . . .	Private.	30	....	220
Cottage ave. . .	Russell st. . . .	Chester st. . . . .	Public.	40	550	....
Cottage circle .	Cottage ave. . .	Southwesterly . .	Private.	25	....	87
Cottage pl. . . .	Washington st. .	Northwesterly . .	Private.	about 11	....	150
Craigie . . . . .	Somerville ave. .	Summer st. . . . .	Public.	50	1,280	....
Craigie ter. . .	16 Craigie st. .	Westerly . . . . .	Private.	25	....	126
Crescent . . . .	Washington st .	Pearl st. . . . .	Private.	30 to 38	....	650
Crocker . . . . .	Highland ave. .	Crown st. . . . .	Public.	40	528	....
Cross . . . . .	Medford st. . .	Broadway . . . . .	Public.	45	2,680	....
Cross . . . . .	Broadway . . . .	Mystic ave. . . . .	Public.	40	1,100	....
Cross St. pl. . .	Cross st. . . . .	Northwesterly . .	Private.	24	....	150
Crown . . . . .	Porter st. . . . .	Lowell st. . . . .	Private.	30	....	700
Curtis ave. . . .	Curtis st. . . . .	Northwesterly . .	Private.	40	....	700
Curtis . . . . .	Broadway . . . .	Medford line . . .	Public.	40	2,357	....
Cutler . . . . .	Lawrence st. . .	Northwesterly . .	Private.	20	....	170
Cutter ave. . . .	Summer st. . . .	Highland ave. . .	Public.	40	480	..
Cutter pk. . . . .	Cutter ave. . . .	Northwesterly . .	Private.	12	....	93
Cutter . . . . .	Broadway . . . .	Webster st. . . . .	Public.	40	730	....
Cypress . . . . .	Central st. . . .	Beech st. . . . .	Public.	40	262	....
Dana . . . . .	Bonair st. . . .	Pearl st. . . . .	Public.	40	696	....
Dane . . . . .	Somerville ave. .	Washington st. . .	Public.	40	1,341	....
Dane ave. . . . .	Dane st. . . . .	Leland st. . . . .	Public.	30	569	....
Dante terrace . .	Craigie st. . . .	Westerly . . . . .	Private.	25	....	125
Dartmouth . . .	Medford st. . . .	Broadway . . . . .	Public.	40	1,465	....
Day . . . . .	Elm st. . . . .	Cambridge line . .	Public.	40	908	....
Dearborn road .	Boston ave. . . .	College ave. . . .	Private.	50	....	460
Delaware . . . .	Aldrich st. . . .	Pearl st. . . . .	Public.	40	451	....
Dell . . . . .	Glen st. . . . .	Tufts st. . . . .	Public.	40	466	....
Derby . . . . .	Temple st. . . .	Grant st. . . . .	Public.	40	831	....
Derby . . . . .	Grant st. . . . .	Wheatland st. . .	Private.	40	....	200
Dexter . . . . .	Broadway . . . .	Medford line . . .	Private.	50	....	25
Dickinson . . . .	Springfield st. .	Beacon st. . . . .	Public.	40	770	....
Dickson . . . . .	Broadway . . . .	Fairmount ave. . .	Private.	40	....	271
Dimick . . . . .	Concord ave. . .	Calvin st. . . . .	Public.	40	957	....
Distillhouse . .	South st. . . . .	Cambridge line . .	Private.	35	....	150
Dix pl. . . . .	Linwood st. . . .	Southwesterly . .	Private.	10	....	100
Dover . . . . .	Elm st. . . . .	Cambridge line . .	Public.	40	975	....
Dow . . . . .	PowderHouseBd .	Ware st. . . . .	Private.	40	....	257
Downer pl. . . .	Downer st. . . .	B. & L. R. R. . .	Private.	20	..	125
Downer . . . . .	Nashua st. . . .	Southeasterly . .	Private.	20	..	120
Dresden circle .	Cutter ave. . . .	Westerly . . . . .	Private.	30	....	133
Durham . . . . .	Beacon st. . . .	Hanson st. . . . .	Public.	40	423	....
Dynamo . . . . .	Willow ave. . . .	Whipple st. . . . .	Private.	30	....	255
Earle . . . . .	South st. . . . .	Fitchburg R. R. . .	Private.	30	....	322
East Albion . . .	Mt. Vernon ave. .	E. of Moreland st.	Private.	25	..	188
East Albion . . .	E. of Moreland st.	Medford line . . .	Private.	40	....	490
Eastman road . .	Highland ave. . .	Southwesterly . .	Public.	40	296	....
*Edgeworth . . .	Mystic ave. . . .	Melrose st. . . . .	Private.	50	....	1,380

\*Proposed.



Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Edmands . . . .	Broadway . . . .	near Bonair st. . .	Public.	40	376	....
Edmonton ave. .	Cross st. . . . .	Fellsway east . . .	Private.	40	....	630
Electric ave. . .	Curtis st. . . . .	Packard ave. . . .	Public.	40	681	....
Eliot . . . . .	Vine st. . . . .	Park st. . . . .	Public.	40	291	....
Ellington road .	Highland ave. . .	Northeasterly . . .	Private.	35	....	120
Ellington road .	West st. . . . .	Northwesterly . .	Private.	30	....	405
Ellsworth . . . .	Cross st. . . . .	Rush st. . . . .	Public.	40	230	....
Elm ct. . . . .	Villa ave. . . . .	Northwesterly . .	Private.	18	....	70
Elm pl. . . . .	Harvard st. . . .	Westerly . . . . .	Private.	30	....	190
Elm . . . . .	Somerville ave. .	Cherry st. . . . .	Public.	63	1,672	....
Elm . . . . .	Cherry st. . . . .	White st. . . . .	Public.	63 to 60	330	....
Elm . . . . .	White st. . . . .	Banks st. . . . .	Public.	60	660	....
Elm . . . . .	Banks st. . . . .	Beech st. . . . .	Public.	60 to 77.5	290	....
Elm . . . . .	Beech st. . . . .	Tenney st. . . . .	Public.	77.5 to 60	570	....
Elm . . . . .	Tenney st. . . . .	Davis sq. . . . .	Public.	60	1,429	....
Elmwood . . . .	Holland st. . . .	Cambridge line . .	Public.	40	1,057	....
Elmwood ter. . .	Elmwood st. . . .	Easterly . . . . .	Private.	20	....	190
Elston . . . . .	Elm st. . . . .	Summer st. . . . .	Public.	40	396	....
Emerson . . . .	Everett st. . . .	Newton st. . . . .	Private.	30	....	170
Emery . . . . .	Fitchburg R. R. .	South st. . . . .	Private.	30	....	335
Endicott ave. . .	Broadway . . . .	Woodstockst.(Ext'n)	Private.	40	....	800
Essex . . . . .	Medford st. . . .	Richdale ave. . . .	Public.	40	232	....
Eustis . . . . .	Beacon st. . . .	Cambridge line . .	Private.	30	....	150
Everett ave. . .	Cross st. . . . .	Dana st. . . . .	Public.	40	845	....
Everett . . . . .	Webster ave. . .	Newton st. . . . .	Private.	30	....	350
Evergreen ave. .	Marshall st. . . .	Sycamore st. . . . .	Public.	40	1,320	....
Evergreen sq. . .	Porter st. . . . .	Southeasterly . .	Private.	8	....	200
Exchange pl. . .	Washington st. .	Southerly . . . .	Private.	4.5	....	70
Fairlee . . . . .	Cherry st. . . . .	Northwesterly . .	Public.	30	144	....
Fairmount ave. .	Curtis st. . . . .	Northwesterly . .	Private.	40	....	700
Fairview ter. . .	Sycamore st. . . .	Southwesterly . .	Private.	15	....	173
Farragut ave. . .	Broadway . . . .	Woodstock st.(Ext'n)	Public.	40	905	....
*Fellsway . . . .	Mystic ave. . . .	Mystic river . . .	Public.	70 to 130	2,500	....
*Fellsway east .	(Winthrop ave.)		Public.	50	1,222	....
*Fellsway west .	(Chauncey ave.)					
Fenwick . . . . .	Broadway . . . .	Mystic ave. . . .	Public.	50	1,324	....
Fisk ave. . . . .	Broadway . . . .	Jaques st. . . . .	Public.	40	601	....
Fisk ave. . . . .	Hinckley st. . . .	Lowell st. . . . .	Private.	20 and 25	....	460
Fitchburg ct. . .	Fitchburg st. . .	Southeasterly . .	Private.	10	....	225
Fitchburg . . . .	Linwood st. . . .	B. & L. R. R. . .	Private.	40	....	400
Flint ave. . . . .	Flint st. . . . .	Northerly . . . .	Private.	40	....	200
Flint . . . . .	Franklin st. . . .	Aldrich st. . . .	Public.	40	1,790	....
Florence . . . .	Washington st. .	Perkins st. . . .	Public.	40	1,304	....
Florence ter. . .	Jaques st. . . . .	Southwesterly . .	Private.	20	....	90
Forest . . . . .	Beacon st. . . . .	Cambridge line . .	Public.	40	117	....
Forster . . . . .	Sycamore st. . . .	Central st. . . . .	Private.	30	....	430
Fosket . . . . .	Willow ave. . . .	Liberty ave. . . .	Public.	40	668	....
Fountain ave. . .	Cross st. . . . .	Glen st. . . . .	Public.	30	578	....
Francesca ave. .	College ave. . . .	Liberty ave. . . .	Public.	40	762	....
Francis . . . . .	Porter st. . . . .	Conwell st. . . .	Public.	30	180	....
Franklin ave. . .	Washington st. .	Franklin st. . . .	Public.	20	575	....
Franklin pl. . . .	Franklin st. . . .	Southeasterly . .	Private.	15	....	100
Franklin . . . . .	Broadway . . . .	Washington st. . .	Public.	40+	2,316	....
Frederick ave. . .	Willow ave. . . .	Boston ave. . . .	Private.	40	....	1,217
Fremont ave. . .	Bowdoin st. . . .	Lincoln pk. . . .	Private.	31	....	235
Fremont . . . . .	Main st. . . . .	Meacham st. . . .	Public.	40	612	....
Fremont . . . . .	Meacham st. . . .	Near Mystic ave. .	Private.	40	....	785
Garden ct. . . . .	Somerville ave. .	Fitchburg R. R. . .	Private.	25	....	370
Garfield ave. . .	Broadway . . . .	Middlesex ave. . .	Private.	40	....	1,430
Garrison ave. . .	Broadway . . . .	Woodstock st.(Ext'n)	Private.	40	....	850
George . . . . .	Broadway . . . .	Lincoln ave. . . .	Public.	30	275	....
Gibbens . . . . .	Central st. . . .	Benton road . . . .	Public.	40	492	....
Gibbens . . . . .	Benton rd. . . . .	Northwesterly . .	Private.	40	....	133

\* Metropolitan Park Commission Boulevard.



Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Giles pk. . . .	Walnut st. . .	Northwesterly . .	Public.	32.71	167	....
Gill's ct. . . .	Franklin st. . .	Westerly . . . .	Private.	10	....	100
Gilman . . . .	Cross st. . . .	Walnut st. . . .	Public.	40	1,430	....
Gilman ter. . .	Pearl st. . . .	Northeasterly . .	Public.	40	360	....
Gilson ter. . .	Linden ave. . .	Northwesterly . .	Private.	20	....	124
Glen . . . .	Broadway . . .	Tufts st. . . .	Public.	40	2,373	....
Glendale ave. .	Cameron ave. .	Yorktown st. . .	Public.	40	410	....
Glenwood road .	Vernon st. . .	Broadway . . . .	Public.	40	1,524	....
Glover circle .	Meacham road .	Southeasterly . .	Private.	20	....	110
Gorham . . . .	Holland st. . .	Howard st. . . .	Public.	40	763	....
Gould ave. . .	Porter st. . . .	Southeasterly . .	Private.	16	....	156
Gove ct. . . .	Cedar st. . . .	Southeasterly . .	Private.	15	....	145
Grand View ave.	Walnut st. . .	Vinal ave. . . .	Public.	40	542	....
Granite . . . .	Somerville ave.	Osgood st. . . .	Public.	40	411	....
Grant . . . .	Broadway . . .	Mystic ave. . . .	Public.	40	1,405	....
Greene . . . .	Summer st. . .	Laurel st. . . .	Public.	40	555	....
Greenville . .	Medford st. . .	Munroe st. . . .	Public.	40	660	....
Greenville ter.	Greenville st. .	Northerly . . . .	Private.	20	....	250
Greenwood ter.	Beacon st. . .	Northeasterly . .	Private	25	....	165
Grove . . . .	Elm st. . . .	Morrison ave. . .	Public.	40	996	....
Hadley ct. . .	Franklin st. . .	Westerly . . . .	Private.	20	....	150
Hall ave. . . .	College ave. . .	Liberty ave. . . .	Public.	40	926	....
Hall . . . .	Cedar st. . . .	Cherry st. . . .	Public.	30	456	....
Hamlet . . . .	Highland ave. .	Boston st. . . .	Public.	30	616	....
Hammond . . .	Dickinson st. .	Concord ave. . .	Public.	40	267	....
Hancock . . . .	Elm st. . . .	Highland ave. . .	Public.	40	1,349	....
Hancock . . . .	Highland ave. .	Lexington ave. .	Public.	50	376	....
Hanson ave. . .	Hanson st. . . .	Easterly . . . .	Private.	30	....	252
Hanson . . . .	Washington st. .	Skehan st. . . .	Public.	30	469	....
Hanson . . . .	Skehan st. . . .	Vine st. . . .	Public.	35	347	....
Harding . . . .	South st. . . .	Cambridge line .	Private.	30	....	115
Harold . . . .	Dimick st. . . .	Marion st. . . .	Private.	40	....	317
Harrison . . . .	Ivaloo st. . . .	Kent st. . . .	Public.	40	644	....
Harrison . . . .	Elmwood st. . .	Southeasterly . .	Private.	40	....	210
Harvard pl. . .	Harvard st. . .	Westerly . . . .	Private.	35	....	200
Harvard . . . .	Summer st. . .	Beech st. . . .	Public.	40	717	....
Hathorn . . . .	Broadway . . .	Arlington st. . .	Public.	40	339	....
Hawkins . . . .	Somerville ave. .	Washington st. .	Public.	40	330	....
Hawthorne . . .	Willow ave. . .	Cutter ave. . . .	Public.	30	807	....
Hayden ter. . .	Linden ave. . .	Easterly . . . .	Private.	20	....	120
Heath . . . .	Temple st. . . .	Bond st. . . .	Public.	45	1,043	....
Heath . . . .	Bond st. . . .	Mt. Vernon ave. .	Private.	40	....	386
Heath . . . .	Mt. Vernon ave.	Moreland st. . .	Public.	40	364	....
Henderson . . .	Richardson st. .	B. & L. R. R. . .	Private.	20	....	535
Hennessy ct. . .	Medford st. . .	Fisk ave. . . .	Private.	20	....	250
Henrietta ct. .	Somerville ave. .	Northerly . . . .	Private.	8 and 20.	....	161
Henry ave. . .	Highland ave. .	Lexington ave. .	Public.	40	290	....
Herbert . . . .	Chester st. . .	Day st. . . .	Public.	40	337	....
Hersey . . . .	Berkeley st. . .	Oxford st. . . .	Private.	40	....	230
Highland ave. .	Medford st. . .	Davis sq. . . .	Public.	60	9,135	....
Highland p'th, east	Morrison ave. .	Arlington Br. R. R.	Private.	10	....	107
Highland p'th, west	Morrison ave. .	Arlington Br. R. R.	Private.	10	....	108
*Highland road .	Morrison ave. .	Boston ave. . . .	Public.	30(70 wide)	1,499	....
Hill . . . .	Broadway . . .	Fairmount ave. .	Private.	40	....	236
Hillside ave. .	Pearl st. . . .	Southwesterly . .	Private.	30	....	150
Hillside cir. .	Craigie st. . .	Westerly . . . .	Private.	16	....	151
Hillside pk. . .	Walnut st. . .	Northwesterly . .	Public.	40	196	....
Hinckley . . .	Broadway . . .	Richardson st. . .	Public.	30 and 35	579	....
Hodgdon pl. . .	Dane ave. . . .	Northeasterly . .	Private.	about 20	....	150
Holland . . . .	Davis sq. . . .	Broadway . . . .	Public.	60	2,636	....
Holt's ave. . .	Oak st. . . .	Southeasterly . .	Private.	10	....	100
Holyoke road . .	Elm st. . . .	Elm st. . . .	Public.	40	637	....
Homer sq. . . .	Bonner ave. . .	Northwesterly . .	Public.	30+	200	....
Horace . . . .	South st. . . .	Fitchburg R. R. .	Private:	30	....	510

\*Roadway (only) accepted 30 feet wide, full width of street 70 feet.

**Table Showing the Location, Length and Width of Public and Private Streets.—Continued.**

STREET.	FROM	TO	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Houghton . . .	Springfield st. .	Cambridge line. .	Public.	40	653	....
Howard . . .	Thorndike st. .	Gorham street . .	Public.	40	431	....
Howe . . .	Marshall st. . .	School st. . . .	Public.	40	445	....
Hudson. . . .	Central st. . . .	Cedar st. . . . .	Public.	40	2,760	....
Hunting . . . .	South st. . . . .	Cambridge line .	Private.	30	....	125
Ibbetson . . . .	Somerville ave. .	Lowell st. . . . .	Public.	40	802	....
Irving . . . . .	Holland st. . . .	Broadway . . . .	Public.	40	1,180	....
Ivaloo . . . . .	Beacon st. . . . .	Park st. . . . .	Public.	40	685	....
James . . . . .	Pearl st. . . . .	Veazie st. . . . .	Public.	40	320	....
Jaques . . . . .	Fellsway west . .	Temple st. . . . .	Public.	40	1,182	....
Jaques . . . . .	Temple st. . . . .	Bond st. . . . .	Public.	45	1,005	....
Jasper pl. . . .	Walnut st. . . . .	Easterly . . . . .	Private.	20	....	80
Jasper . . . . .	Pearl st. . . . .	Gilman st. . . . .	Public.	40	283	....
Jay . . . . .	Holland st. . . .	Howard st. . . . .	Public.	40	534	....
Jerome ct. . . .	Sycamore st. . . .	Jerome st. . . . .	Private.	10	...	150
Jerome . . . . .	Montrose st. . . .	Jerome ct. . . . .	Private.	20	....	125
Jerome . . . . .	Lawrence rd. . . .	Mystic river . . .	Private.	40	....	742
Joseph . . . . .	Newton st. . . . .	Lincoln parkway .	Public.	40	458	....
Josephine ave. .	Morrison ave. . .	Broadway . . . .	Public.	45	1,718	....
Joy . . . . .	Washington st. .	Poplar st. . . . .	Public.	30	1,121	....
Joy St. pl. . . .	Joy st. . . . .	Southwesterly . .	Private.	30	....	175
Kenneson road .	Broadway . . . .	Walnut road . . .	Private.	30	....	338
Kensington ave. .	Broadway . . . .	Blakeley ave. . .	Public.	40	455	....
*Kensington ave.	Blakeley ave. . .	Middlesex ave. . .	Private.	40	....	1,150
Kent ct. . . . .	Kent st. . . . .	Northerly . . . .	Private.	about 25	....	420
Kent . . . . .	Somerville ave. .	Fitchburg R. R. .	Public.	40	292	....
Kent . . . . .	Fitchburg R. R. .	Beacon st. . . . .	Public.	25	386	....
Kenwood . . . .	College ave. . . .	Billingham st. . .	Public.	40	322	....
Kidder ave. . . .	College ave. . . .	Willow ave. . . .	Public.	40	1,329	....
Kilby . . . . .	Somerville ave. .	Southwesterly . .	Private.	20	....	180
Kimball . . . . .	Lowell st. . . . .	Craigie st. . . . .	Private.	40	....	303
Kingman road. .	Washington st. .	Fitchburg R. R. .	Private.	25	....	400
Kingston . . . .	Meacham road . .	Cambridge line. .	Public.	40	647	....
Knapp . . . . .	School st. . . . .	Granite st. . . .	Public.	40	379	....
Knowlton . . . .	Tufts st. . . . .	N'E'y line Est. 37	Public.	40	461	....
Knowlton . . . .	End of above . .	Oliver st. . . . .	Private.	40	....	464
Lake . . . . .	Hawkins st. . . .	Church st. . . . .	Public.	40	840	....
Lamson ct. . . .	Linwood st. . . .	Poplar st. . . . .	Private.	20	....	370
Landers . . . . .	School st. . . . .	Westerly . . . . .	Private.	40	....	280
Latin Way . . . .	Talbot ave. . . .	Professors row . .	Private.	60	....	250
Laurel ave. . . .	Laurel st. . . . .	Northwesterly . .	Private.	18	....	125
Laurel . . . . .	Somerville ave. .	Summer st. . . . .	Public.	40	983	....
Lawrence . . . .	Richardson st . .	B. & L. R. R. . .	Private.	35	....	500
Lawrence rd. . .	Medford line . . .	Mystic river . . .	Private.	40	....	820
Lawson ter. . . .	Putnam st. . . . .	Easterly . . . . .	Private.	5	....	200
Lee . . . . .	Medford st. . . .	Richdale ave. . .	Public.	40	385	....
Leland . . . . .	Washington st. .	Dane ave. . . . .	Private.	40	....	365
Leon . . . . .	Concord ave. . . .	Dickinson st. . .	Public.	40	155	....
Leonard pl. . . .	Joy st. . . . .	Northeasterly . .	Private.	13+	....	98
Lesley ave. . . .	Highland ave. . .	Lexington ave. . .	Public.	40	333	....
Leslie pl. . . . .	Highland ave. . .	Northerly . . . .	Private.	12	....	75
Lester ter. . . .	Meacham road . .	Northwesterly . .	Private.	20	....	190
Lexington ave. .	Willow ave. . . .	Hancock st. . . .	Public.	50	624	....
Lexington ave. .	Hancock st. . . .	Angle . . . . .	Public.	45 to 40	147	....
Lexington ave. .	Angle . . . . .	Cedar st. . . . .	Public.	40	578	....
Liberty ave. . . .	Broadway . . . .	Hall ave. . . . .	Public.	40	1,395	....
Liberty ave. . . .	Hall ave. . . . .	Appleton st. . . .	Public.	40	98	....
Lincoln ave. . . .	Lincoln st. . . . .	Mt. Vernon st. . .	Public.	30	478	....
Lincoln parkway.	Washington st. .	Perry st. . . . .	Public.	40	1,520	....
Lincoln pl. . . .	Lincoln ave. . . .	Northerly . . . .	Private.	9	....	120
Lincoln . . . . .	Broadway . . . .	Perkins st. . . . .	Public.	40	550	....
Linden ave. . . .	Elm st. . . . .	Summer st. . . . .	Public.	45	1,083	....
Linden ave. . . .	Summer st. . . . .	Northeasterly . .	Private.	45	....	250

\*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Linden circle . . .	Linden ave. . .	Southeasterly . .	Private.	24	....	120
Linden pl. . . .	Linden ave. . .	Northwesterly . .	Private.	20	....	160
Linden . . . .	Somerville ave. .	Charlestown st. .	Public.	33	587	....
Line . . . .	Washington st. .	Cambridge line . .	Public.	30	1,727	....
Linehan ct. . . .	Linwood st. . .	Chestnut st. . .	Private.	about 15	....	200
Linwood pl. . . .	Linwood st. . .	Southwesterly . .	Private.	about 12	....	150
Linwood . . . .	Somerville ave. .	Washington st. .	Public.	50	2,114	....
London . . . .	Linwood st. . .	B. & L. R. R. . .	Private.	40	....	340
Loring . . . .	Somerville ave. .	Osgood st. . . .	Public.	40	413	....
Louisburg pl. . .	Autumn st. . .	Easterly . . . .	Private.	13	....	90
Lovell . . . .	Broadway . . .	Electric ave. . .	Private.	40	....	385
Lowden ave. . . .	Broadway . . .	Fosket st. . . .	Public.	40	1,247	....
Lowell . . . .	Somerville ave. .	Summer st. . . .	Public.	36	1,259	....
Lowell . . . .	Summer st. . .	Crown st. . . .	Private.	33+	....	349
Lowell . . . .	Crown st. . . .	Albion st. . . .	Public.	40	972	....
Lowell . . . .	Albion st. . . .	L. & A. Br'ch R. R.	Private.	40	....	540
Lowell . . . .	B. & L. R. R. .	Vernon st. . . .	Private.	33+	....	60
Lowell . . . .	Vernon st. . .	Medford st. . .	Public.	40	1,141	....
Lowell ter. . . .	Lowell st. . .	Northwesterly . .	Private.	20	....	150
Madison . . . .	School st. . . .	Sycamore st. . .	Public.	40	891	....
Main . . . .	Broadway . . .	Medford line . .	Public.	50	966	....
*Malden . . . .	Mystic ave. . .	Melrose st. . . .	Private.	50	....	1,360
Mallet . . . .	Willow ave. . .	Liberty ave. . .	Private.	40	....	580
Malloy ct. . . .	Somerville ave. .	Merriam ave. . .	Private.	30	....	255
Malvern ave. . .	Cameron ave. .	Yorktown st. . .	Public.	40	410	....
Manila road . . .	Beacon st. . . .	Sacramento st. .	Private.	40	....	408
Mansfield . . . .	Somerville ave. .	Washington st. .	Public.	40	735	....
Maple ave. . . .	School st. . . .	Southeasterly . .	Private.	40	....	300
Maple pl. . . .	Marshall st. . .	Maple ave. . . .	Private.	5	....	125
Maple . . . .	Poplar st. . . .	Medford st. . .	Public.	30	699	....
Mardell circle . .	Spring st. . . .	Northwesterly . .	Private.	8	....	140
Marion . . . .	Concord ave. .	Dimick st. . . .	Public.	40	1,141	....
Marshall . . . .	Broadway . . .	Pearl st. . . .	Public.	40	1,650	....
May pl. . . .	Hawkins st. . .	Easterly . . . .	Private.	12	....	100
McCulpe pl. . . .	Medford st. . .	Easterly . . . .	Private.	10	....	110
McGregor ave. . .	Wigglesworth st.	Walnut st. . . .	Private.	13	....	302
Meacham road . .	Dover st. . . .	Cambridge line . .	Public.	40	1,060	....
Meacham . . . .	Mt. Vernon ave. .	Medford line . .	Private.	40	....	800
Mead . . . .	Cameron ave. .	Moore st. . . .	Private.	40	....	340
Medford . . . .	Cambridge line .	Central st. . . .	Public.	50	8,047	....
Medford . . . .	Central st. . .	Broadway . . . .	Public.	55	1,985	....
Melrose . . . .	Mystic ave. . .	Fellsway . . . .	Private.	50	....	2,310
Melvin . . . .	Broadway . . .	Bonair st. . . .	Public.	40	487	....
Merriam ave. . .	Merriam st. . .	Malloy ct. . . .	Private.	15	....	255
Merriam . . . .	Somerville ave. .	Charlestown st. .	Private.	30	....	500
Middlesex ave. .	Mystic ave. . .	Fellsway . . . .	Public.	60	2,304	....
Milk pl. . . .	Somerville ave. .	Southwesterly . .	Private.	about 30	....	100
Miller . . . .	Sacramento st. .	Beacon st. . . .	Private.	33	....	465
Milton . . . .	Orchard st. . .	Cambridge line . .	Public.	40	223	....
Miner . . . .	Vernon st. . .	Ames st. . . .	Public.	40	244	....
Mondamin ct. . .	Ivaloo st. . . .	Harrison st. . .	Private.	25	....	250
Monmouth . . . .	Central st. . .	Westerly . . . .	Public.	40	267	....
Monmouth . . . .	End of above . .	Harvard st. . .	Private.	35	....	200
Montgomery ave. .	Broadway . . .	Wellington ave. .	Public.	40	265	....
Montrose ct. . .	Montrose st. . .	B. & L. R. R. . .	Private.	12	....	110
Montrose . . . .	School st. . . .	Sycamore st. . .	Public.	40	886	....
Moore . . . .	Holland st. . .	Mead st. . . .	Public.	40	695	....
Moreland . . . .	Main st. . . .	Mystic ave. . . .	Public.	40	1,471	....
Morgan . . . .	Beacon st. . .	Park st. . . .	Public.	40	377	....
Morrison ave. . .	Cedar st. . . .	Willow ave. . .	Public.	50	1,366	....
Morrison ave. . .	Willow ave. . .	College ave. . .	Public.	40	1,690	....
Morrison pl. . .	Morrison ave. .	Northerly . . .	Private.	20	....	190
Morrison pl. . .	Morrison pl. . .	Easterly . . . .	Private.	15	....	175
Mortimer pl. . .	Marshall st. . .	Walter st. . . .	Private.	20	....	280
Morton . . . .	Glen st. . . .	Knowlton st. . .	Public.	40	287	....
Mossland . . . .	Somerville ave. .	Elm st. . . .	Public.	40	377	....
Mountain ave. . .	Linden ave. . .	Porter st. . . .	Private.	22	....	310

\*Proposed.



Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Mousal pl. . . .	North Union st.	B. & M. R. R. . .	Private.	20	....	200
Mt. Pleasant ct.	Perkins st. . . .	Southwesterly . .	Private.	40	....	260
Mt. Pleasant . .	Broadway . . . .	Perkins st. . . .	Public.	33	584	....
Mt. Vernon ave. .	Main st. . . . .	Meacham st. . . .	Private.	50	....	800
**Mt. Vernon ave.	Meacham st. . . .	Mystic ave. . . .	Private	50	....	764
Mt. Vernon . . .	Washington st. .	Pearl st. . . . .	Public.	40	600	....
Mt. Vernon . . .	Pearl st. . . . .	Perkins st. . . .	Public.	50	473	....
Mt. Vernon . . .	Perkins st. . . .	Broadway . . . .	Public.	40	590	....
Munroe . . . . .	Walnut st. . . .	Easterly . . . . .	Public.	40	375	....
Munroe . . . . .	End of above . .	Boston st. . . .	Public.	50	1,214	....
Murdock . . . .	Cedar st. . . . .	Clyde st. . . . .	Private.	30	....	900
Murray . . . . .	Washington st. .	Southerly . . . .	Private.	30	....	250
Museum . . . . .	Beacon st. . . .	Cambridge line . .	Public.	40	164	....
Myrtle ct. . . .	Myrtle st. . . .	Easterly . . . . .	Private.	10	....	100
Myrtle pl. . . .	Myrtle st. . . .	Westerly . . . .	Private.	20+	....	120
Myrtle . . . . .	Washington st. .	Perkins st. . . .	Public.	40	1,423	....
Mystic ave. . . .	Charlestown line	Union st. . . . .	Public.	60	373	....
†Mystic ave. . .	Union st. . . . .	Medford line . . .	Public.	66	6,938	....
Mystic . . . . .	Washington st. .	Somerville ave. .	Public.	40	360	....
Mystic . . . . .	Benedict st. . . .	Mystic ave. . . .	Public.	40	336	....
*Mystic river bld.	Medford line . .	Arlington line . .	Private.	60	....	2,000
Nashua . . . . .	Richardson st. .	B. & L. R. R. . .	Public.	35	637	....
Nevada ave. . . .	Village st. . . .	Hanson st. . . .	Private.	20	....	200
Newberne . . . .	Appleton st. . .	Morrison ave. . .	Public.	40	200	....
Newberne . . . .	Morrison ave. . .	Arlington Br. R.R.	Private.	40	....	173
Newbury park . .	Newbury st. . . .	Southeasterly . .	Private.	55	....	63
Newbury . . . .	Holland st. . . .	Cambridge line . .	Public.	40	1,260	....
Newman pl. . . .	Cedar st. . . . .	Southeasterly . .	Private.	15	....	100
Newton pl. . . .	Newton st. . . .	Easterly . . . . .	Private.	about 10	....	100
Newton . . . . .	Prospect st. . . .	Webster ave. . . .	Public.	25	470	....
Newton . . . . .	Webster ave. . .	Concord ave. . .	Public.	40+	637	....
Norfolk . . . . .	Webster ave. . .	Cambridge line . .	Public.	40	283	....
North . . . . .	Broadway . . . .	Medford line b. 17	Public.	40	1,961	....
North . . . . .	Medford line b. 17	Medford line b. 18	Public.	37 to 42	649	....
North Union . . .	Mystic ave. . . .	Northeasterly . .	Private.	30	....	600
Norton . . . . .	Nashua st. . . .	Southeasterly . .	Private.	20	....	200
Norwood ave. . .	Broadway . . . .	Medford st. . . .	Public.	40	350	....
Oak . . . . .	Prospect st. . . .	Angle . . . . .	Public.	40	665	....
Oak . . . . .	Angle . . . . .	Cambridge line . .	Public.	30	563	....
Oak St. pl. . . .	Oak st. . . . .	Northerly . . . .	Private.	4	....	85
Oakland ave. . .	Marshall st. . . .	School st. . . . .	Public.	40	440	....
Olive ave. . . . .	Linden ave. . . .	Peterson ter. . . .	Private.	25	....	155
Olive sq. . . . .	Lake st. . . . .	Southerly . . . .	Private.	about 15	....	100
Oliver . . . . .	Franklin st. . . .	Cross st. . . . .	Public.	40	1,085	....
Orchard . . . . .	Cambridge line .	Meacham road . .	Public.	40	1,567	....
Osgood . . . . .	Granite st. . . .	Easterly & west'y	Private.	40	....	450
Ossipee road . . .	Packard ave. . . .	Curtis st. . . . .	Public.	40	682	....
Otis . . . . .	Cross st. . . . .	Wigglesworth st. .	Public.	40	1,200	....
Oxford . . . . .	School st. . . . .	Central st. . . .	Public.	35	1,361	....
Oxford . . . . .	Beacon st. . . .	Cambridge line . .	Public.	50	100	....
Packard ave. . . .	Broadway . . . .	Professors row . .	Public.	60	1,758	....
Packard ave. . . .	Professors row . .	Medford line . . .	Private.	60	....	242
Palmer ave. . . .	Franklin st. . . .	Northwesterly . .	Private.	20	....	200
Park ave. . . . .	College ave. . . .	Wallace st. . . .	Public.	40	467	....
Park pl. . . . .	Laurel st. . . . .	Easterly . . . . .	Private.	30	....	220
Park pl. . . . .	Park pl. . . . .	Northeasterly . .	Private.	20	....	150
Park . . . . .	Somerville ave. .	Beacon st. . . .	Public.	50	1,238	....
Parker pl. . . . .	Porter st. . . . .	Northwesterly . .	Private.	20	....	150
Parker . . . . .	Washington st. .	Fremont ave. . . .	Private.	35	....	260
Partridge ave. . .	Vernon st. . . .	Broadway . . . .	Public.	40	1,467	....
Patten ct. . . . .	Cutter st. . . . .	Southeasterly . .	Private.	8	....	100
Paulina . . . . .	Broadway . . . .	Holland st. . . .	Private.	40	....	775
Pearl . . . . .	Crescent st. . . .	Mt Vernon st. . .	Public.	37	341	....

\*Proposed Metropolitan Park Commission Boulevard.

\*\*Proposed.

†State Highway Austin St. to Medford line.



Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Pearl . . . . .	Mt. Vernon st. .	Franklin st. . .	Public.	50	957	....
Pearl . . . . .	Franklin st. . .	Cross st. . . .	Public.	40	1,060	....
Pearl . . . . .	Cross st. . . .	Medford st. . .	Public.	50	2,447	....
Pearl St. pl. . .	Pearl st. . . . .	Northeasterly . .	Private.	20	....	200
Pearl ter. . . .	Pearl st. . . . .	Northerly . . . .	Private.	23	....	161
Pearson ave. . .	Morrison ave. .	Boston ave. . .	Public.	45	1,320	....
Pearson road . .	Broadway . . . .	Warner st. . . .	Public.	40	564	....
Pearson road . .	Warner st. . . .	Dearborn road . .	Private.	40	....	1,090
Pembroke ct. . .	Pembroke st. . .	Southwesterly . .	Private.	25	....	130
Pembroke . . . .	Central st. . . .	Sycamore st. . . .	Public.	40	430	....
Perkins pl. . . .	Perkins st. . . .	Northeasterly . .	Private.	20	....	200
Perkins . . . . .	Franklin st. . .	Charlestown line .	Public.	40	1,336	....
Perry . . . . .	Washington st. .	Lincoln parkway .	Public.	40	606	....
Peterson ter. . .	Porter st. . . . .	Olive ave. . . . .	Private.	13+	....	155
Pinckney pl. . .	Pinckney st. . .	Southeasterly . .	Private.	24	....	125
Pinckney . . . .	Washington st. .	Perkins st. . . .	Public.	40	1,186	....
Piper ave. . . .	Cedar st. . . . .	Westerly. . . . .	Private.	20	....	461
Pitman . . . . .	Beech st. . . . .	Spring st. . . . .	Private.	30	....	380
Pitman . . . . .	Spring st. . . .	Belmont st. . . .	Private.	26	....	390
Pleasant ave. . .	Walnut st. . . .	Vinal ave. . . . .	Public.	40	543	....
Poplar ct. . . .	Poplar st. . . .	Southeasterly . .	Private.	10	....	80
Poplar . . . . .	Somerville ave. .	Linwood st. . . .	Public.	30	351	....
Poplar . . . . .	Linwood st. . .	Joy st. . . . .	Public.	35	315	....
Poplar . . . . .	Joy st. . . . .	B. & L. R. R. . .	Private.	35	....	65
Porter ave. . . .	Porter st. . . . .	Northwesterly . .	Private.	20	....	220
Porter pl. . . .	Porter st. . . . .	Northwesterly . .	Private.	20	....	195
Porter . . . . .	Elm st. . . . .	Mountain ave. . .	Public.	45	1,622	....
Porter . . . . .	Mountain ave. .	Highland ave. . .	Public.	40	415	....
Powder house boulevard . . .	Powder house square . . . . .	Northwesterly, Mystic river and Medford line . .	Public.	80	7,200	....
Powder house ter.	Kidder ave. . . .	Liberty ave. . . .	Public.	40	585	....
Prentiss . . . .	Beacon st. . . .	Cambridge Line .	Private.	35	....	150
Prescott . . . .	Summer st. . . .	Highland ave. . .	Public.	50	1,110	....
Preston road . .	School st. . . . .	Summer st. . . .	Public.	40	839	....
Princeton . . . .	Alpine st. . . .	Lowell st. . . . .	Public.	40	648	....
Princeton . . . .	Lowell st. . . .	Centre st. . . . .	Private.	40	....	540
Pritchard ave. .	Morrison ave. .	Frederick ave. . .	Public.	40	634	....
Pritchard ave. .	Frederick ave. .	Boston ave. . . .	Private.	40	....	511
Professors row .	College ave. . . .	Curtis st. . . . .	Public.	40	2,000	....
Prospect . . . .	Washington st. .	Cambridge line . .	Public.	50	2,071	....
Prospect Hill av.	Medford st. . . .	Munroe st. . . . .	Public.	40	597	....
Prospect Hill p'k'y	Munroe st. . . .	Stone ave. . . . .	Public.	40	400	....
Prospect pl. . .	Prospect st. . . .	Newton st. . . . .	Private.	20	....	130
Putnam . . . . .	Summer st. . . .	Highland ave. . .	Public.	50	1,262	....
Quincy . . . . .	Somerville ave. .	Summer st. . . . .	Public.	40	781	....
Randolph pl. . .	Cross st. . . . .	Westerly. . . . .	Private.	15	....	244
Raymond ave. . .	Curtis st. . . . .	North st. . . . .	Public.	40	1,345	....
Record ct. . . .	Broadway . . . .	Southwesterly . .	Private.	10	....	110
Reed's ct. . . .	Oliver st. . . . .	Southwesterly . .	Private.	20	....	105
Remick ct. . . .	Cutter st. . . . .	Southeasterly . .	Private.	10	....	100
Richardson . . .	Lowell st. . . . .	Lawrence st. . . .	Public.	35	467	....
Richardson ter. .	Richardson st. .	Northeasterly . .	Private.	20	....	135
Richdale ave. . .	School st. . . . .	Sycamore st. . . .	Public.	40	875	....
Richmond hi'l'ds {	Madison st. . . .	Southerly 146' . .	Private.	30	....	146
	Madison st. s'ly 146	Highland ave. . .	Private.	10	....	140
Roberts . . . . .	Lawrence st. . .	Northwesterly . .	Private.	20	....	170
Robinson . . . .	Central st. . . .	Bartlett st. . . .	Public.	40	582	....
Rogers ave. . . .	Morrison ave. .	Boston ave. . . .	Public.	45	1,682	....
Roland st. . . .	Waverly st. . . .	Boston line . . . .	Private.	40	....	100
Roseland . . . .	Beacon st. . . .	Cambridge line . .	Public.	40	121	....
Rossmore . . . .	Somerville ave. .	Washington st. . .	Public.	40	534	....
Royce pl. . . . .	Bonair st. . . . .	Northeasterly . .	Private.	15+	....	175
Rush . . . . .	Broadway . . . .	Flint st. . . . .	Public.	40	1,400	....
Russell road . .	Broadway . . . .	North st. . . . .	Private.	40	....	1,193
Russell . . . . .	Elm st. . . . .	Cambridge line . .	Public.	40	700	....

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Sacramento . . .	Somerville ave.	Fitchburg R. R. .	Public.	40	80	....
Sacramento . . .	Fitchburg R. R.	Beacon st. . . .	Public.	40	290	....
Sacramento . . .	Beacon st. . . .	Cambridge line .	Private.	40	....	158
Sanborn ave. . .	Warren ave. . .	Walnut st. . . .	Public.	40	280	....
Sanborn ct. . . .	Washington st.	Northwesterly .	Private.	30	....	178
Sargent ave. . .	Broadway . . .	Walnut st. . . .	Public.	40	1,075	....
Sartwell ave. . .	Cedar st. . . .	Cherry st. . . .	Private.	35	....	400
Sawyer ave. . . .	Packard ave. . .	Curtis st. . . .	Private.	40	....	690
School . . . . .	Somerville ave.	Highland ave. . .	Public.	40	1,901	....
School . . . . .	Highland ave. .	Broadway . . . .	Public.	50	2,500	....
Sellon pl. . . . .	Marshall st. . .	Northwesterly .	Private.	12	....	120
Seven Pines ave.	Cameron ave. . .	Cambridge line .	Public.	40	92	....
Sewall ct. . . . .	Sewall st. . . .	Southwesterly .	Private.	25	....	190
Sewall . . . . .	Grant st. . . .	Temple st. . . .	Public.	40	615	....
Shawmut pl. . .	Shawmut st. . .	Alston st. . . .	Private.	30	....	200
Shawmut . . . .	Washington st.	Cross st. . . . .	Public.	40	575	....
Shedd . . . . .	Somerville ave.	Merriam ave. . .	Private.	40	....	310
Sherman ct. . .	Sargent ave. . .	Marshall st. . .	Private.	10	....	250
Sibley ct. . . .	Cutter st. . . .	Northwesterly .	Private.	10	...	100
Sibley pl. . . .	Cutter st. . . .	Northwesterly .	Private.	10	...	100
Simpson ave. . .	Broadway . . .	Holland st. . . .	Private.	40	....	825
Skehan . . . . .	Dane st. . . . .	Hanson st. . . .	Public.	30	306	....
Skehan . . . . .	Hanson . . . . .	Durham . . . . .	Private.	30	....	414
Skilton ave. . .	Pearl st. . . . .	Pearl st. . . . .	Private.	40	....	540
Smith ave. . . .	Beacon st. . . .	Line st. . . . .	Private.	25+	....	200
Snow pl. . . . .	Belmont st. . .	Easterly . . . .	Private.	30	....	75
Snow pl. . . . .	Snow pl. . . . .	N'th'ly and S'th'ly	Private.	20	....	222
Snow ter. . . . .	Jaques st. . . .	Southwesterly .	Private.	16	....	120
Somerville ave. .	E. Camb. line .	Union sq. . . . .	Public.	75	4,325	....
Somerville ave. .	Union sq. . . .	N. Camb. line . .	Public.	70	6,793	....
South . . . . .	Medford st. . .	Water st. . . . .	Public.	30	989	....
Spencer ave. . .	Cedar st. . . .	Hancock st. . . .	Public.	40	727	....
Spring ct. . . .	Somerville ave.	Westerly . . . .	Private.	20	....	200
Spring . . . . .	Somerville ave.	Summer st. . . .	Public.	40	1,220	....
Springfield . .	Concord ave. .	Cambridge line .	Public.	40	788	....
Spring Hill ter.	Highland ave. .	Belmont st. . . .	Private.	20	....	670
Stanford ter. .	Beacon st. . . .	Northeasterly .	Private.	20	....	200
Stickney ave. .	Marshall st. . .	School st. . . . .	Public.	40	458	....
St. James ave. .	Elm st. . . . .	Summer st. . . .	Public.	40	488	....
St. James ave. ext.	Summer st. . . .	Northeasterly .	Private.	30	....	125
Stone ave. . . .	Union sq. . . .	Columbus ave. . .	Public.	40	676	....
Stone ave. . . .	Columbus ave. .	Prospect Hill p'k'y	Public.	38	107	....
Stone pl. . . . .	Stone ave. . . .	Southeasterly . .	Private.	30	....	145
Summer . . . . .	Bow st. . . . .	Elm st. . . . .	Public.	45	7,900	....
Summit ave. . .	Walnut st. . . .	Vinal ave. . . . .	Public.	45	532	....
Summit . . . . .	College ave. . .	Billingham st. . .	Public.	40	262	....
Sumner . . . . .	Lawrence st. . .	Northwesterly .	Private.	20	....	175
Sunnyside ave. .	Walnut st. . . .	Wigglesworth st.	Private.	35	....	250
Sycamore . . . .	Broadway . . . .	Medford st. . . .	Public.	45	1,275	....
Sycamore . . . .	Medford st. . .	B. & L. R. R. . .	Public.	40	667	....
Sycamore . . . .	B. & L. R. R. .	Highland ave. . .	Public.	35	722	....
Sydney . . . . .	Grant st. . . . .	Temple st. . . .	Public.	40	679	....
Talbot ave. . . .	Packard ave. . .	College ave. . . .	Private.	50	....	1,400
* Tannery (Ext'n)	Cambridge line .	Woodstock st. (Ext'n)	Private.	40	....	160
Taunton. . . . .	Wyatt st. . . .	Easterly to angle .	Private.	30	....	170
Taunton . . . .	Angle . . . . .	Marion st. . . .	Private.	20	....	95
Taylor pl. . . .	Somerville ave.	Southerly . . . .	Private.	15	....	200
Taylor . . . . .	Mystic ave. . . .	Sydney st. . . . .	Private.	40	....	310
Teele ave. . . .	Packard ave. . .	Curtis st. . . . .	Private.	40	....	685
Temple . . . . .	Broadway . . . .	Mystic ave. . . .	Public.	66	1,637	....
Tenney ct. . . .	Mystic ave. . . .	Northeasterly .	Private.	30	....	400
Tennyson . . . .	Forster st. . . .	Pembroke st. . .	Public.	40	922	....
Thorndike . . .	Holland st. . . .	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike . . .	Arl'gt'n Br. R.R.	Kingston st. . . .	Public.	40	115	....
Thorpe pl. . . .	Highland ave. .	Southwesterly .	Public.	30	468	....

\*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Thurston . . .	Broadway . . .	Richdale ave. . .	Public.	40	1,660	....
Timmins pl. . .	Dane st. . . . .	Westerly . . . . .	Private.	3.5	....	97
Tower ct. . . .	Tyler st. . . . .	Northeasterly . . .	Private.	25	....	150
Tower . . . . .	Crown st. . . . .	Highland ave. . . .	Public.	40	559	....
Tremont pl. . . .	Tremont st. . . . .	Southeasterly . . .	Private.	about 10	....	75
Tremont . . . . .	Webster ave. . . .	Cambridge line . . .	Public.	40	589	....
Trull . . . . .	Vernon st. . . . .	Medford st. . . . .	Public.	40	1,050	....
Trull lane . . . .	Highland ave. . . .	Oxford st. . . . .	Private.	15	....	200
Tufts parkway . .	College ave. . . . .	College ave. . . . .	Public.	22	900	....
Tufts . . . . .	Washington st. . . .	Cross st. . . . .	Public.	40	982	....
Tyler . . . . .	Vine st. . . . .	Dane st. . . . .	Public.	40	404	....
Unnamed st. . . .	Ware st. . . . .	Powder h'se blvd. .	Private.	20-40	....	283
Union . . . . .	Broadway . . . . .	Mystic ave. . . . .	Public.	40	345	....
Union pl. . . . .	Linwood st. . . . .	Southwesterly . . .	Private.	10	....	100
Upland Park . . .	Main st. . . . .	Southwesterly . . .	Private.	20	....	175
Veazie . . . . .	Walnut st. . . . .	Bradley st. . . . .	Public.	35	392	....
Veazie . . . . .	Bradley st. . . . .	Marshall st. . . . .	Public.	40	261	....
Vernon . . . . .	Central st. . . . .	Glenwood road . . .	Public.	40	764	....
Vernon . . . . .	Glenwood road . . .	Partridge ave. . . .	Public.	40 to 30	190	....
Vernon . . . . .	Partridge ave. . . .	Lowell st. . . . .	Public.	30	434	....
Victoria . . . . .	Broadway . . . . .	Cambridge line . . .	Private.	40	....	1,036
Villa ave. . . . .	Winslow ave. . . . .	Arlington Br. R. R. .	Private.	35	....	200
Village . . . . .	Dane st. . . . .	Vine st. . . . .	Private.	25	....	370
Vinal ave. . . . .	Summer st. . . . .	Highland ave. . . .	Public.	45	1,425	....
Vinal . . . . .	Richardson st. . . .	Northeasterly . . .	Private.	20	....	200
Vine ct. . . . .	Vine st. . . . .	Northwesterly . . .	Private.	25	....	140
Vine . . . . .	Somerville ave. . . .	Hanson st. . . . .	Private.	40	....	780
Vine . . . . .	Hanson st. . . . .	Beacon st. . . . .	Public.	30	662	....
Virginia . . . . .	Aldrich st. . . . .	Jasper st. . . . .	Public.	40	465	....
Wade ct. . . . .	Cedar st. . . . .	Westerly . . . . .	Private.	20	....	180
Waldo ave. . . . .	Beacon st. . . . .	Dimick st. . . . .	Private.	40	....	277
Waldo . . . . .	Highland ave. . . .	Hudson st. . . . .	Public.	40	287	....
Wallace . . . . .	Holland st. . . . .	Broadway . . . . .	Public.	40	1,342	....
Walnut . . . . .	Bow st. . . . .	Broadway . . . . .	Public.	40	3,948	....
Walnut road . . .	Walnut st. . . . .	Kenneson road . . .	Private.	40	....	270
Walter pl. . . . .	Walter st. . . . .	Southwesterly . . .	Private.	40	....	222
Walter . . . . .	Walnut st. . . . .	{ about 100 ft. N. } { of Bradley st. } . .	Public.	40	548	....
Ward . . . . .	Medford st. . . . .	Emery st. . . . .	Private.	30	....	450
Ware . . . . .	Curtis st. . . . .	Dow st. . . . .	Private.	40	....	680
Warner . . . . .	Powder House sq. . .	Medford line . . . .	Public.	60	500	....
Warren ave. . . .	Union sq. . . . .	Columbus ave. . . .	Public.	40	663	....
Warren . . . . .	Medford st. . . . .	Cambridge line . . .	Public.	30 to 40	109	....
Warwick place . .	Warwick st. . . . .	Northeasterly . . .	Private.	15	....	150
Warwick . . . . .	Cedar st. . . . .	Warwick pl. . . . .	Public.	40	665	....
Washington ave. .	Washington st. . . .	Northerly . . . . .	Private.	18	....	350
Washington pl. . .	Washington st. . . .	Southerly . . . . .	Private.	about 7.5	....	114
Washington . . . .	Charlest'n line . . .	Franklin ave. . . . .	Public.	75	1,060	....
Washington . . . .	Franklin ave. . . . .	Fitchburg R. R. . . .	Public.	60 to 100	3,977	....
Washington . . . .	Fitchburg R. R. . . .	Cambridge line . . .	Public.	60	2,344	....
Water . . . . .	South st. . . . .	Northerly . . . . .	Private.	25	....	250
Waterhouse . . . .	Broadway . . . . .	Cambridge line . . .	Private.	40	....	966
Watson . . . . .	Broadway . . . . .	Fairmount ave. . . .	Private.	40	....	236
Waverly . . . . .	Washington st. . . .	Roland st. . . . .	Private.	35	....	200
Webster ave. . . .	Union sq. . . . .	Cambridge line . . .	Public.	49.5	1,955	....
Webster . . . . .	Franklin st. . . . .	Cross st. . . . .	Public.	40	1,034	....
Wellington ave. . .	Walnut st. . . . .	Montgomery ave. . .	Public.	40	215	....
Wellington ave. . .	Montgomery ave. . .	Easterly . . . . .	Private.	40	....	85
Wesley pk. . . . .	Wesley sq. . . . .	Northeasterly . . .	Public.	40	405	....
Wesley . . . . .	Pearl st. . . . .	Otis st. . . . .	Public.	40	515	....
West . . . . .	Broadway . . . . .	Heath st. . . . .	Private.	30	....	250
West . . . . .	Hawthorne st. . . . .	Arlington Br. R. R. .	Private.	30	....	460
Westminster . . . .	Broadway . . . . .	Electric ave. . . . .	Public.	40	376	....
Weston ave. . . . .	Clarendon ave. . . .	Broadway . . . . .	Private.	40	....	525
Westwood road . .	Central st. . . . .	Benton road . . . .	Public.	40	489	....



**Table Showing the Location, Length and Width of Public and Private Streets. — Concluded.**

STREET.	FROM.	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Wheatland . . .	Broadway . . .	Mystic ave. . . .	Public.	40	1,364	....
Wheeler . . .	Pinckney st. . .	Mt. Vernon st. .	Public.	40	269	....
Whipple . . .	Highland ave. .	Arlington Br. R. R.	Private.	30	....	318
†White . . .	Elm st. . . .	Cambridge line .	Public.	..	307	....
White St. pl. .	White st. . . .	Southeasterly . .	Private.	20	....	200
Whitfield road. .	Packard ave. . .	Curtis st. . . .	Private.	40	....	684
Wigglesworth . .	Bonair st. . . .	Pearl st. . . .	Public.	40	744	....
William . . .	Chandler st. . .	College ave. . . .	Public.	40	381	....
William . . .	Broadway . . .	Medford line . .	Private.	50	....	45
Williams ct. . .	Porter st. . . .	Northwesterly . .	Private.	30	....	150
Willoughby . . .	Central st. . . .	Sycamore st. . . .	Public.	40	427	....
Willow ave. . .	Elm st. . . .	Broadway . . . .	Public.	50	3,534	....
Willow pl. . .	Cambridge line .	South st. . . .	Private.	25	....	150
Wilson ave. . .	Broadway . . .	B. & L. R. R. . .	Private.	20	....	310
Wilton . . .	Lowell st. . . .	Lawrence st. . .	Public.	35	470	....
Winchester . . .	Broadway . . .	Medford line . .	Private.	40	....	65
Windom . . .	Elm st. . . .	Summer st. . . .	Public.	40	300	....
Windsor road . .	Willow ave. . .	Hancock st. . . .	Public.	40	575	....
Winslow ave. . .	College ave. . .	Clifton st. . . .	Public.	40	1,123	....
Winter . . .	College ave. . .	Holland st. . . .	Public.	30	402	....
Winter Hill cir. .	Broadway . . .	Northeasterly . .	Private.	25	....	177
Winthrop ave. (Extension.) .	Mystic ave. . .	Middlesex ave. . .	Private.	40	....	583
Woodbine . . .	Centre st. . . .	Lowell st. . . .	Private.	30	....	600
*Woods ave. . .	North st. . . .	Alewife brook . .	Private.	40	....	1,350
Woodstock . . .	Victoria st. . .	Alewife brook . .	Private.	40	....	415
*Woodstock (Extension.) .	Victoria st. . .	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle . .	Wyatt st. . . .	Wyatt st. . . .	Private.	20	....	315
Wyatt . . .	Concord ave. .	Lincoln parkway .	Public.	40	496	....
Yorktown . . .	Cambridge line .	{ N. E. line Mal- }	Public.	40	294	....
Yorktown . . .	{ N. E. line }	vern ave. }	Public.	40	....	100
Yorktown . . .	{ Malvern ave. }	Northerly . . .	Private.	40	....	100

\*Proposed.

†Sidewalk in Somerville.

Court . . .	11 Albion st. .	Northeasterly . .	Private.	9	....	170
Court . . .	21 Albion st. .	Northeasterly . .	Private.	10	....	100
Court . . .	292 Broadway .	Southwesterly . .	Private.	15	....	.96
Court . . .	612 Broadway .	Southwesterly . .	Private.	20	....	188
Court . . .	113 Central st. .	Southeasterly . .	Private.	20	....	150
Court . . .	227 Columbia st.	Northwesterly . .	Private.	10	....	117
Court . . .	36 Craigie st. .	Westerly . . . .	Private.	25	....	126
Court . . .	58 Dane st. . .	Easterly . . . .	Private.	10	....	70
Court . . .	20 Dimick st. .	Southwesterly . .	Private.	39.25	....	136
Court . . .	66 Lowell st. .	Westerly . . . .	Private.	25	....	101
Court . . .	78 Lowell st. .	Westerly . . . .	Private.	25	....	101
Court . . .	Olive ave. . .	Porter st. . . .	Private.	7.5	....	156
Court . . .	10 Stone ave. .	Northwesterly . .	Private.	20	....	113
Total . . .	. . . . .	. . . . .	. . . .	. . .	391,220	108,837

Public, 74.095 miles (includes 2.843 miles boulevards); private, 20.613 miles.

Total length of streets in the city, 94.708 miles.







MYSTIC STREET BEFORE ACCEPTANCE.



MYSTIC STREET AFTER ACCEPTANCE AND CONSTRUCTION.

## REPORT OF THE STREET COMMISSIONER.

OFFICE OF THE STREET COMMISSIONER, }  
CITY HALL, SOMERVILLE, January 1, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I most respectfully submit the thirty-third annual report, containing a brief summary of the principal work performed by the highway department during the year 1908.

This department has charge of the construction, alterations, repairs, maintenance, and management of ways, streets, sidewalks and bridges; also the setting out and care of shade trees, the suppression of brown-tail and gypsy moths, and the supervision of street watering.

All the work in the highways, the permanent paving and the laying of granolithic sidewalks, which was previously let to contractors, has been done by the department employees, thus giving the work to Somerville citizens.

There is a great difference of opinion between road builders and citizens as to what is the best paving for our main streets. Residents and owners of automobiles are in favor of any kind of a sheet paving, while owners of horses complain that this kind of paving is very slippery and dangerous to drive upon. It is necessary for the city government to consider all kinds of paving to suit all classes, and at the same time determine which is the most durable and the cheapest for the city.

### Permanent Paving.

The only permanent paving laid this year was the granite block paving on a gravel base with pitched joints, on Somerville avenue, from Kent street to Lowell street, at a cost of \$5,586.27. This cost includes the re-setting of edgestones, re-laying bricks and crossings. There were 2,242 square yards of paving laid at an average cost of \$2.49 per square yard.

The appropriation for this work was ample to provide for more permanent paving, but owing to the fact that it was necessary to construct a large number of streets under the Betterment Act during the next two years, the city government deemed it advisable to complete these streets this year rather than accept the two-year limit, thus causing the abutters another season's inconvenience, thereby making it possible to lay a larger amount of permanent paving in 1909.

### Mystic Avenue.

For a number of years Mystic avenue has been an expense to the city for repairs which were badly needed. A little over a year ago the Massachusetts Highway Commission assumed con-



trol of this thoroughfare, and constructed it during the past year from a point near Austin street to the Medford line, to which point the state constructed this street during the previous year. This work has completed a good state highway, which is not only a benefit to Somerville, but also to outlying cities and towns. This city should construct this street from the point where the state assumes control to the Boston line.

#### **Holland Street Ledge.**

Quarrying has been constantly carried on at the Holland-street ledge during the past year, and a large amount of good stone still remains. The steam drill has been used with success the entire year. When the stone in this ledge is exhausted, it is probable that the crushing plant will be moved to the Clarendon-hill ledge, which the city purchased for the department some years ago, and where there is a large amount of stone that can be utilized for street and sidewalk work.

#### **Stone Crusher.**

The crushing plant has worked 278 days during the past year, but was unable to supply the demand for stone. Trap rock was purchased under contract from the Massachusetts Broken Stone Company at \$1.08 per ton, F. O. B., Somerville, to be used for the last layer (nut size and pea stone) for Tarmacked stock.

There were 11,592 tons crushed and 401 tons purchased during the year.

#### **Street Cleaning.**

All the streets, both public and private, were cleaned in the spring and fall, and the paved streets were swept as often as considered necessary. The amount expended in this branch of the work amounted to \$16,161.73. The expense of teaming is increasing each year on account of the scarcity of dumping places. I trust that the appropriation for the coming year will be large enough to allow the force of patrolmen with push carts, who do excellent work, to be increased. As we now have the reputation of being one of the cleanest cities in the state, I think it is not asking too much of storekeepers and residents to exercise more care in front of their places of business and residences, and assist us in maintaining this high standard.

Experiments have been tried of flushing smoothly-paved streets with watering carts and by connecting hose to hydrants, the latter having proved the more successful. It is my intention, early in the spring, to do this work at night, thus keeping smoothly-paved streets and squares in a cleanly and healthy condition.

I recommend that a sanitary flushing machine be purchased, which would reduce the expense in this branch of the work.



### **Bridges.**

The bridges in this city are all in good condition. A contract has been awarded for the abolition of the grade crossing on Somerville avenue, on the Fitchburg division of the Boston & Maine Railroad. Although the work was started late in the fall, great progress has been made, and with the opening of good weather in the spring, the work will be pushed with rapidity until completed. This will do away with a very dangerous crossing which is a great inconvenience to the general public and the cause of the loss of many lives. I trust that the good work of the abolition of grade crossings on this division of the Boston & Maine Railroad already commenced will not cease until they are all eliminated.

### **Shade Trees.**

Pursuing the usual custom, all dead and dangerous trees have been removed during the past year and re-placed by live ones, which in years to come will be ornaments to the city. There has been no appropriation made for the care of shade trees, and as the expense is great and has to be met by the Highway Maintenance appropriation, this appropriation should be increased so as to enable the department to perform the work required. Forty-six dead and dangerous trees were removed during the year, and 135 trees have been set out, each supported by a pole and protected by a wire guard. It is my intention, during the coming year, to place wire guards around trees already standing to protect them from injury. Many trees are injured and killed by gas leaks, and also by coming in contact with electric wires, but as the work of placing the wires underground advances, this difficulty will be removed. Trees purchased by the abutters are set out by the city free of cost.

### **Subways.**

The subways at Kent, Sacramento, and Thorndike streets are in good condition. Men are assigned to care for them, and extra help is provided in case of a storm.

As the granite steps leading to these subways have a tendency to become slippery and dangerous in the winter time, boards of the same width as the steps have been placed thereon, securely fastened to protect pedestrians from injury as far as possible.

### **Street Watering.**

Under the law providing for the assessment of taxes for street watering upon abutting estates, only accepted streets can be watered. When abutters on private streets desire these streets watered, they must pay the cost of such watering in advance. The street watering was let out by contract during the past year at \$90 per month per cart, the contractor being required to furnish a competent driver, with a pair of good horses

and harnesses. He is required to see that his route, which comprises about two miles, is properly watered at all times, including Sundays and holidays.

There are forty double and three single watering carts, which are painted and kept in repair by this department. So many new streets were added to the street watering list during the past year that it was necessary to purchase three new carts.

Many complaints were received in former years from tenants in the squares which were being watered by contractors. During the past year the department placed single watering carts, operated by its own employees, in all these places, and no complaints were received.

Abutters on streets watered were assessed five cents per linear foot, which made this branch of the work self-supporting.

### **Steam Rollers.**

The city owns three Buffalo Pitts steam rollers; one fifteen-ton roller, which has worked 190 days; one twelve-ton roller, which has worked 183 days; and one five-ton asphalt roller, which has worked ninety-nine days. These rollers have been in service a number of years, particularly the twelve-ton roller, and are in use a large portion of the time, as shown by the above figures. The demand for re-surfacing old streets and constructing new streets increases each year, and there is a great liability of an accident to either or both of these large rollers, which would not only stop the work on these streets, but would greatly inconvenience the entire department. If the city government of 1909 intends to order the laying of permanent paving on some of the main thoroughfares, I would most respectfully recommend the purchase of a fifteen-ton steam roller. As the demand for this class of work is increasing every year, a new roller could be used to great advantage, and would add to the equipment of the department, which is at present very limited. With a new steam roller and the use of Tarvia, this work can be done so cheaply that it will be a great benefit to the city.

### **Granolithic Sidewalks.**

In former years specifications were sent out, bids called for, and contracts made for the construction of granolithic sidewalks. No bids were called for for this class of work during the past year, but instead, all the granolithic sidewalks were laid by the employees of this department in a much more satisfactory manner than ever before, at an average cost of \$1.57 per square yard.

As the abutters seem to desire this kind of sidewalk, and are perfectly satisfied with the work performed this past year, I would recommend that the city continue to construct this kind of sidewalk with its own labor.

If a concrete mixing machine were purchased, it would re-

duce the cost of granolithic sidewalks, and would also be a valuable addition to the department for the construction of any kind of concrete work. A few granolithic crossings have been laid during the past year, as an experiment. They are pleasant to ride and walk over and easy to keep clean, and, if successful, more will be constructed during the coming year.

### **Snow and Ice.**

During the winter of 1908 there were 570 loads of snow removed, and a large sum of money expended sanding sidewalks and slippery streets on the side hills. The sum of \$3,286.96 was spent in this branch of the work, and as there is no separate appropriation for the care of ice and snow, the amount available for street repairs, from which this expenditure must be paid, is thereby greatly lessened. The teaming is increasing each year on account of the scarcity of dumping places, but in some portions of the city this difficulty has been overcome by dumping the snow into the sewers through manholes, which has proved a success. This not only removes the snow quickly, thereby opening the main streets and squares to travel, but also flushes and purifies the sewers.

It is the duty of this department to remove the snow from all sidewalks in front of public buildings and public grounds, and to prevent them from becoming slippery.

Sections 1 and 2 of Ordinance No. 46, approved February 12, 1904, as quoted below, clearly regulate the removal of snow and ice from sidewalks:—

Section 1. No owner or tenant of land abutting upon a sidewalk within the limits of any highway or townway in this city shall suffer to remain on such sidewalk for more than six hours between sunrise and sunset, on any day, any snow nor any ice, unless such ice is made even and covered with sand or other suitable material to prevent slipping. Such owner and tenant shall remove all snow and ice from such sidewalk within the time and in the manner herein specified.

Section 2. Whoever violates any of the provisions of Section 1 of this ordinance shall forfeit to the city the sum of \$25 for each offence.

Boxes filled with fine sand have been placed within easy access of the push cart men who care for the smoothly-paved streets, squares, and subways.

### **Underground Wires.**

Permits for opening the streets were issued to the Edison Electric Illuminating Company for burying wires in Broadway, from a point near Partridge avenue, where they ended last year, to a point east of Willow bridge; from the company's station on Willow avenue to Highland avenue, and in Highland avenue, from Willow avenue to and through Davis square, where the



paving brick on a concrete base was removed and replaced by this department, the Edison Company paying the expense; in Holland street, from Davis square to Teele square, and in Broadway, from Teele square to the Arlington line.

#### **Accepted Streets.**

There were ten streets accepted during the year, comprising a total length of 6,902 feet. There were twenty streets constructed with macadam and Tarvia, comprising a total length of 11,707 feet, at a total cost of \$22,412.24, or an average approximate cost of eighty-one cents per square yard. In all streets which have been constructed during the past six years edgestones have been set and gutters paved with granite paving blocks before the construction work was begun. There were twelve streets macadamized and re-surfaced, at a cost of \$6,350.16.

There are 74.095 miles of public streets and 20.613 miles of private streets, making a total length of 94.71 miles of streets in the city.

Mystic street and parts of Appleton street and Liberty avenue, which have been closed to travel for years, were opened and constructed during this year.

#### **Sidewalks Maintenance.**

Some of the sidewalks that were laid a number of years ago are in a very poor condition, and the abutters have petitioned year after year to have the same repaired. As the appropriations previously made for this kind of work have been insufficient, I trust that the incoming city government will make an appropriation sufficiently large to care for this branch of the work.

#### **Street Railways.**

The Boston Elevated Railway Company is still working on its lines of tracks from the Sullivan-square terminal to Stoneham, through Mystic avenue and the Fellsway. When completed, this line will afford a means of transportation through Middlesex Fells for people of all classes who have heretofore been unable to reach this point except by carriages, automobiles, or other private conveyances.

The tracks laid on Mystic avenue will be a source of revenue to the city of Somerville.

#### **Emergency Call.**

Somerville is the originator of the "Emergency Call" for employees of the highway department in cases of accidents.

On December 7, 1908, an alarm was sounded from the new box, No. 88, which has been installed at the city stables, to test the efficiency of the department, and it proved a success.



This will not only be a benefit in cases of accidents on the highways but as an assistant to the fire department in case of a serious conflagration in our city, such as Chelsea passed through last spring.

The emergency wagon, which was formerly kept in the cellar, has been transferred to the stable floor, and is equipped with ropes, lanterns, all kinds of tools, and a quick hitch harness, and is always ready in case of an accident.

### **Tarvia.**

Tarvia is a product of coal tar. This product has been used on all the streets constructed and on nearly all the streets re-surfaced. Somerville being situated so near the still where Tarvia is produced, the work has been done at a very small cost; about fifteen cents per square yard on re-surfacing, and about twenty cents per square yard on construction work, including Tarvia, labor, pea stone for covering, and rolling. The tank wagon which transports the hot Tarvia makes two trips per day from the still. The city is charged at the rate of \$.065 per gallon, exclusive of the cost of teaming, and at the rate of \$5 per day from double teams.

The department is building a tank wagon for its own use in repairing streets which have been Tarviated.

One side of Main street, which measures about 10.5 feet between the edgestones and car tracks, and is used for heavy travel, was spiked up with the steam roller, shaped and re-rolled, egg-sized stone spread thereon and rolled, then the nut size stone spread and rolled. Tarvia was then spread hot from the tank wagons until all the voids were filled, then pea stone was spread on the Tarvia before it was cold, and rolled in until the macadam became a solid mass.

The work on this street was tried as an experiment, and as far as observation goes, has proved a success, and will be watched with much interest after having passed through a severe winter.

Tarviated streets have proved very satisfactory to the abutters, and many requests have been received for additional work along this line.

Tarvia "B" was tried on a section of Walnut street to keep down the dust, and proved successful. This street is very steep, and is used a great deal by automobilists in going from the Fens to the Fells, and the work was greatly appreciated by them and the residents.

A salt solution was prepared by the department to try its merits, and was sprinkled on a section of this same street by a watering cart, and the few applications made proved a success. The extremely low cost of this mixture will allow many streets to be treated, and it is my intention to use this preparation more extensively during the coming spring.

Most of those who have charge of streets or street watering in other cities and towns are in favor of a bill being passed by the Legislature giving cities and towns the right to use some kind of dust suppressor, and charge the abutters the cost of the same. By this system, I believe that the cost of street watering would be reduced and better satisfaction given to the abutters and the city. This right has already been given to the city of New Bedford.

#### **Suppression of the Gypsy and Brown-Tail Moths.**

After Charles I. Bucknam, who had charge of this work, resigned to assume a similar position in the city of Newton, where the services of an experienced man were required, this department was consolidated with the highway department. Owing to the year drawing to a close, nothing has been done since this consolidation.

The coming year work will be started, and every citizen and tax-payer should co-operate with the department to carry on this work with the same vigilance in the future as in the past, and help Somerville to hold the reputation she has already attained for the extermination of these pests. If these pests get beyond the control of the department, they will not only be a nuisance to the public, but will be detrimental to the trees.

#### **Miscellaneous.**

Specifications were sent out to all the local and wholesale concerns and bids asked for, for the furnishing of edgestones, bricks, sand, gravel, cement, paving stock, etc. These bids were opened publicly in the office of the mayor, and the contracts were awarded to the lowest bidder, preference being given to Somerville citizens. The tools and supplies for this department have been purchased from local concerns.

The department maintains its own painter, carpenter, blacksmith, horseshoer, and harness repairer, all employed at the city stables.

If the names of certain streets in different parts of the city were changed, it would be a great convenience to the public.

This department has been called upon to furnish steam rollers, teams, crushed stone, sand, gravel, and ashes to the other departments, being reimbursed for the same.

There were 251 permits issued to the Cambridge Gas Light Company and 101 issued to the Charlestown Gas and Electric Company for the opening of streets for gas connections and repairs. There were issued to contractors and corporations, for building purposes, 149 permits to occupy and 103 permits to open streets, seven to blast rock, and forty-three to cross the sidewalks. There were eleven permits issued to erect canopies, fifteen to feed horses, and four to run steam rollers through the streets; 159 permits were given to licensed drain layers to open streets for sewer connections.

There were 496 defects in the streets and sidewalks reported by the chief of police, which were promptly repaired, thereby saving the city the possibility of law suits.

There were 100 signs and guide posts erected by the department during the year.

There were 7,653.2 square yards of block stone gutters laid, at a cost of \$16,700.32, an average cost of \$2.18 per square yard.

There were 2,244 square yards of sand and gravel used. There were 12,749 loads of dirt and 12,375 loads of scrapings removed from the streets; there were 798 loads of old macadam and 746 loads of ballast used in the repair and construction of streets. There were 6,524 loads of ashes used in the repair and construction of sidewalks and in setting and re-setting edgestones.

There were 8,987.8 square yards of granolithic and brick sidewalks laid, at an average cost of \$1.57 per square yard for granolithic and \$1.07 per square yard for brick. There were 22,887.2 feet, or nearly 4.34 miles, of edgestones set, at a cost of \$35,145.97, or an average cost of ninety-nine cents per linear foot. There were 4,759.3 feet of edgestones, or nearly .9 miles, re-set, and 2,214.6 square yards of brick sidewalks re-laid, at a cost of \$2,992.32. This amount includes patching sidewalks and attending to police reports of defects.

I have attended twenty-five meetings of the committee on highways for consultation regarding work and petitions.

### Recommendations.

I would most respectfully recommend that permanent paving be laid on Broadway, on the northerly side, as far as the paving already laid last year, near Arthur street, thus completing this main thoroughfare on both sides to this point, and giving the street a much better appearance.

Highland avenue, Medford street, from Washington street to Somerville avenue, Newton street, and Springfield street are all main streets, and are very narrow between the car tracks and the edgestones, thus making it almost impossible to keep them in good repair with macadam. Some kind of permanent paving should be laid on these streets, and the brick paving already laid in Davis square should be extended on Holland street as far as Winter street. The granite paving on the easterly side of Washington street should be extended to the Boston line, and on Somerville avenue, from Lowell street to and including Oak square. If edgestones were set and the gutters paved on the few remaining streets not already completed, it would give a better appearance to the street, and would care for the surface water, which is a great item in the construction and maintenance of roads. College avenue, one of the main thoroughfares to Tufts College, and Medford street, from Gilman square to Highland avenue, come under this class.



Most of our squares are in good condition. Some kind of permanent paving should be laid in Teele square. Here many people residing on streets in the vicinity take the cars, and there are also many stores at this location.

College avenue, from Powder-house square to Davis square, and Summer street, from Central street to Cutter square, should be macadamized and Tarviated, as there are no car tracks on these streets, which are used largely for pleasure driving.

There are several brick and granolithic sidewalks that should be extended or the intervening spaces completed so as to make one continuous walk between intersecting streets, as these spaces are a source of great inconvenience to pedestrians, especially in the spring and fall.

Middlesex avenue, one of the main thoroughfares through Somerville to Boston for the towns and cities lying north of us, is in a very bad condition, and something should be done during the coming year. If a drain were laid and catch basins constructed at intervals, this would take care of the surface water, and would be the first step toward the improvement of the thoroughfare. No street can be constructed or repaired in a proper manner until it is properly drained. As it is now, the surface water has no outlet, and after a heavy storm the water lies across the entire width of the street.

The Tarviated macadam on Broadway at Willow bridge should be extended easterly to Magoun square and westerly to and including Powder-house square.

I wish to extend my sincere thanks to his honor, the mayor, the board of aldermen, heads of departments, and all city officials with whom I have been associated, and the general public for their able support and hearty co-operation. I desire, also, to express my appreciation of the conscientious work and efficient service of the foremen, inspectors, teamsters, laborers, and all others employed in the department.



**Highways Maintenance Account.**

## CREDIT.

## Receipts and credits:—

Commonwealth of Massachusetts, street railway tax . . . . .	\$40,400 47	
Boston Elevated Railway tax . . . . .	9,010 15	
Bills receivable (Health Department) . . . . .	279 75	
Bills receivable (Boston Elevated Railway Company) . . . . .	48 40	
Bills receivable (Public Grounds) . . . . .	438 29	
Private work, the bills for which remained unpaid December 31, 1908 . . . . .	352 90	
Value of materials on hand January 1, 1908, . . . . .	1,460 64	
Value of tools and property on hand January 1, 1908 . . . . .	26,570 70	
		<hr/>
		\$78,561 30
Less amount transferred to Sidewalks, Maintenance account . . . . .	2,000 00	
		<hr/>
		\$76,561 30
Profit and loss on tools, property, and materials . . . . .	4,095 14	
		<hr/>
		\$80,656 44

## DEBIT.

## Expenditures:—

For repairs of sundry streets as per table B, at end of this report . . . . .	\$6,350 16
General repairs of streets . . . . .	8,879 14
Repairs and maintenance of gravel sidewalks . . . . .	2,293 38
Repairs of street crossings . . . . .	143 98
Repairs of stone paving . . . . .	243 60
Repairs of gutters . . . . .	308 29
Removing snow and ice and care of slippery sidewalks, . . . . .	3,286 96
Cleaning streets . . . . .	16,161 73
Care of subways . . . . .	218 95
Removing trees . . . . .	628 36
Trimming trees . . . . .	210 75
Setting trees . . . . .	30 60
Blacksmithing . . . . .	341 50
Carpentering . . . . .	329 87
Painting . . . . .	69 00
Street signs . . . . .	443 05
Street Commissioner's salary . . . . .	2,000 00
Street Commissioner's team . . . . .	293 86
Street Commissioner's telephone . . . . .	18 68
Repairs of tools . . . . .	473 98
Setting steps, Mystic street . . . . .	7 00
Setting stone bounds at intersecting streets . . . . .	57 50
Moving fence, Cleveland street, in front of estate of Abbie E. Taylor . . . . .	43 46
Sundry expenses . . . . .	2,461 32
Health Department (bill unpaid December 31, 1908) . . . . .	95 95
Books, printing, stationery, and postage . . . . .	81 20
Private work, the bills for which remained unpaid December 31, 1908 . . . . .	8 00
Abatement of accounts for collection . . . . .	2 02
Value of materials on hand this day . . . . .	1,111 00
	<hr/>
Amount carried forward . . . . .	\$46,593 29

Amount brought forward . . . . .		\$46,593 29
Value of tools and personal property on hand this day:—		
Horses . . . . .	\$7,640 00	
Carts and implements used with horses . . . . .	7,862 70	
Harnesses and horse clothing . . . . .	1,307 15	
Stable utensils and property . . . . .	549 33	
Tools . . . . .	2,444 64	
Steam road rollers . . . . .	6,700 00	
Stone crusher and fittings . . . . .	1,864 30	
Street signs . . . . .	81 00	
		<hr/> 23,449 17
Total debit . . . . .		<hr/> \$75,042 46
Balance unexpended . . . . .		<hr/> <hr/> \$5,613 98

### Highways Construction Account.

#### CREDIT.

Appropriation . . . . .		\$23,000 00
Less amount overdrawn in 1907 . . . . .	\$1,922 51	
Less transfer to Sidewalks Construction . . . . .	6,500 00	
Less transfer to Highways, Paved Gutters and Crossings . . . . .	2,101 89	
		<hr/> \$10,524 40
		<hr/> \$17,475 60
Advertising and recording deeds in 1907, charged in construction of streets in 1903 . . . . .	\$63 95	
From Highways, Paved Gutters and Cross- ings account (for paving blocks) . . . . .	717 44	
		<hr/> 786 39
Total credit . . . . .		<hr/> \$18,261 99

#### DEBIT.

#### Expenditures:—

Construction of streets, as appears by table A, at end of this report . . . . .	\$22,412 24	
Less assessments . . . . .	14,126 67	
		<hr/> \$8,285 57
Partial abatement of assessment, constructing Giles park, assessed in 1907 . . . . .		41 00
Partial abatement of assessment, constructing Wheatland street, assessed in 1906 . . . . .		53 00
Partial abatement of assessment, constructing Appleton street, assessed in 1903 . . . . .		63 49
Medford-street paving, from Central square to Highland avenue (final payment of bill of 1907) . . . . .		339 66
Cross-street paving, from Medford street to Tufts street (final payment of bill of 1907) . . . . .		65 94
Highland-avenue paving, northeasterly side, in front of city hall (final payment of bill of 1907) . . . . .		11 35
Broadway paving, both sides, from permanent pavement, laid in 1906 to Cross street, and southwesterly side, from Fellsway East (final payment of bill of 1907) . . . . .		725 68
Broadway, from Charlestown line to Arthur street (com- pletion) . . . . .		854 83
		<hr/> \$10,445 52
Amount carried forward . . . . .		

Amount brought forward . . . . .	\$10,445 52
Somerville-avenue paving, from westerly line of Kent street to easterly line of Lowell street . . . . .	5,536 27
Advertising and recording releases for streets not constructed . . . . .	108 90
Books, printing, and stationery . . . . .	21 50
Total debit . . . . .	<u>\$16,162 19</u>
Balance unexpended . . . . .	<u><u>\$2,099 80</u></u>

**Highways, Paved Gutters and Crossings.**

## CREDIT.

Balance from 1907 . . . . .	\$573 71	
Appropriation . . . . .	12,000 00	
Transfer from Highways, Construction account . . . . .	2,101 89	
	<u></u>	\$14,675 60
Value of material on hand January 1, 1903 . . . . .	\$1,379 50	
Net gain on materials . . . . .	1,070 07	
	<u></u>	2,449 57
Total credit . . . . .		<u><u>\$17,125 17</u></u>

## DEBIT.

## Expenditures:—

For paving twenty-three gutters as per table E . . . . .	\$16,700 32	
Street crossings as per table . . . . .	353 95	
Account books . . . . .	11 50	
Value of materials on hand this day . . . . .	54 40	
	<u></u>	\$17,125 17
Total debit . . . . .		<u><u>\$17,125 17</u></u>

**Highways, Watering Streets.**

## CREDIT.

## Receipts:—

Assessments and contributions from abutters . . . . .	\$30,662 90	
Insurance on water carts (collected from contractors) . . . . .	72 00	
Value of carts on hand January 1, 1903 . . . . .	10,610 00	
Net gain on water carts . . . . .	1,140 00	
	<u></u>	\$42,484 90
Total credit . . . . .		<u><u>\$42,484 90</u></u>

## DEBIT.

## Expenditures:—

Inspector of street watering . . . . .	\$668 75	
Teaming (street watering) . . . . .	23,783 29	
New water carts (3) . . . . .	1,140 00	
Repairing water carts . . . . .	1,210 11	
Painting water carts . . . . .	685 10	
Building water shed (completed this year) . . . . .	440 94	
	<u></u>	\$27,928 19
Amount carried forward . . . . .	\$27,928 19	

Amount brought forward . . . . .	\$27,923 19	
Board of horse . . . . .	31 00	
Horseshoeing . . . . .	16 65	
Insurance on water carts . . . . .	71 75	
Books, printing, and postage . . . . .	34 75	
Clerical work (making up assessment list) . . . . .	97 34	
Water posts . . . . .	324 60	
Repairing water posts . . . . .	234 44	
	<hr/>	
	\$28,738 72	
Value of carts on hand this day . . . . .	11,750 00	
	<hr/>	\$40,488 72
Balance unexpended . . . . .		<hr/> <hr/> \$1,996 18

**Highways, Shade Trees.**

CREDIT.		
Balance from 1907 . . . . .	\$13 19	
Appropriation . . . . .	500 00	
Sale of tree . . . . .	1 00	
	<hr/>	
Total credit . . . . .		\$514 19
DEBIT.		
Expenditures:—		
For labor, setting trees . . . . .	\$170 13	
Use of city teams . . . . .	37 80	
Trees (100) . . . . .	100 00	
Poles (300) . . . . .	60 00	
Netting (3,600 feet) . . . . .	108 00	
Staples (20 pounds) . . . . .	2 00	
Rubber hose . . . . .	2 88	
	<hr/>	
Total debit . . . . .		\$480 81
Balance unexpended . . . . .		<hr/> <hr/> \$33 38

**Suppression of Gypsy and Brown-Tail Moths.**

CREDIT.		
Appropriation . . . . .		\$4,000 00
Receipts:—		
From sundry persons, removal of moths from trees . . . . .	\$788 74	
New England Telephone & Telegraph Co., inspecting and treatment of moths . . . . .	26 65	
	<hr/>	815 39
Total credit . . . . .		<hr/> \$4,815 39
DEBIT.		
Expenditures:—		
For labor . . . . .	\$4,183 33	
Tools . . . . .	58 30	
	<hr/>	
Amount carried forward . . . . .	\$4,241 63	



Amount brought forward . . . . .	\$4,241 63	
Repairing tools . . . . .	21 06	
Supplies . . . . .	269 09	
Books, circulars, stationery, and postage . . . . .	156 15	
Use of horse and wagon . . . . .	227 50	
Use of city teams and teaming . . . . .	83 70	
Clerical work . . . . .	62 67	
Car tickets . . . . .	10 00	
	<hr/>	
Total debit . . . . .		\$5,071 80
		<hr/>
Amount overdrawn . . . . .		\$256 41
		<hr/>

**Suppression of Elm Leaf Beetle.**

	CREDIT.	
Appropriation . . . . .		\$1,000 00
	DEBIT.	
For labor . . . . .	\$763 14	
Use of city teams . . . . .	33 60	
Arsenate lead . . . . .	84 50	
Oil . . . . .	19 26	
Tape and brushes . . . . .	4 30	
Spray pump . . . . .	9 00	
Hose . . . . .	15 50	
Repairing tools . . . . .	4 15	
Use of horse . . . . .	65 00	
	<hr/>	
Total debit . . . . .		\$998 45
		<hr/>
Balance unexpended . . . . .		1 55
		<hr/>

**Sidewalks Construction Account.**

	CREDIT.	
Appropriation . . . . .	\$13,000 00	
Transfer from Highways, Construction ac- count . . . . .	6,500 00	
	<hr/>	
	\$19,500 00	
Less amount overdrawn in 1907 . . . . .	1,036 83	
	<hr/>	
		\$18,463 17
Receipts and credits:—		
J. A. Ells, constructing granolithic steps in Bartlett street in 1907 . . . . .	5 57	
Charles W. Cahalan and others, con- structing gravel sidewalk, Heath street . . . . .	132 21	
Somerville National Bank, constructing granolithic sidewalk, Bow street . . . . .	95 60	
Abraham B. Beal, on account, construct- ing granolithic sidewalk, Highland avenue . . . . .	62 00	
	<hr/>	
		295 38
		<hr/>
Total credit . . . . .		\$18,758 55

## DEBIT.

## Expenditures:—

For forty-eight sidewalks constructed as per table C . . .	\$35,145 97	
Less assessments . . .	17,572 97	
	<hr/>	\$17,573 00
Constructing sidewalks as per table D .		302 91
Central street, Highland avenue, Holland street, West street, and Washington street, assessments of 1906 assumed by city . . .		344 17
Highland avenue, in front of city hall, assessment of 1907 assumed by city .		100 56
Broadway and Cross street, in front of Steamer 2 house, assessment of 1903 assumed by the city . . .		110 23
Books . . .		18 50
	<hr/>	
Total debit . . .		\$18,449 42
		<hr/>
Balance unexpended . . .		\$309 13
		<hr/>

## Sidewalks Maintenance Account.

## CREDIT.

Appropriation . . .	\$2,000 00	
Transfer from Highways, Maintenance .	2,000 00	
	<hr/>	
Total credit . . .		\$4,000 00

## DEBIT.

## Expenditures:—

Labor, repairing sidewalks . . .	\$2,237 20	
Bricks used in repairing sidewalks .	334 29	
Sand, repairing sidewalks . . .	43 40	
Gravel, repairing sidewalks . . .	2 80	
Crushed stone, repairing sidewalks .	16 40	
Cement, repairing sidewalks . . .	10 40	
Edgestones, repairing sidewalks . .	9 25	
Sods, repairing sidewalks . . .	8 00	
Use of city teams, repairing sidewalks,	315 53	
Repairing concrete sidewalk . . .	15 00	
	<hr/>	
Total debit . . .		\$2,992 32
		<hr/>
Balance unexpended . . .		\$1,007 63
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TABLE A.  
Streets Constructed in 1908.

STREET.	FROM	TO	CONSTRUCTED	LENGTH IN FEET.	COST.
Ash avenue . . . . .	Meacham street . . . . .	East Albion street . . . . .	Wholly . . . . .	554	\$ 935 87
Autumn street . . . . .	Broadway . . . . .	Bonair street . . . . .	Wholly . . . . .	408	343 13
Bay State avenue . . . . .	Broadway . . . . .	Fosket street . . . . .	Wholly . . . . .	1,237	2,043 75
Beech street . . . . .	Somerville avenue . . . . .	Harvard street . . . . .	Partially . . . . .	340	499 57
Cleveland street . . . . .	Central street . . . . .	Harvard street . . . . .	Wholly . . . . .	459	799 89
Concord avenue . . . . .	Beacon street . . . . .	Wyatt street . . . . .	Wholly . . . . .	472	480 99
Granite street . . . . .	Somerville avenue . . . . .	Osgood street . . . . .	Wholly . . . . .	411	641 80
Heath street . . . . .	Mt. Vernon avenue . . . . .	Moreland street . . . . .	Wholly . . . . .	411	490 93
Highland road . . . . .	Morrison avenue . . . . .	Boston avenue . . . . .	Wholly . . . . .	364	4,840 01
Howard street . . . . .	Thorndike street . . . . .	Gorham street . . . . .	Wholly . . . . .	1,499	789 32
Lexington avenue . . . . .	Cedar street . . . . .	Hancock street . . . . .	Wholly . . . . .	431	1,149 28
Liberty avenue . . . . .	Hall avenue . . . . .	Appleton street and . . . . .	Wholly . . . . .	725	4,840 01
Liberty street . . . . .	Liberty avenue . . . . .	Clifton street . . . . .	Wholly . . . . .	218	789 32
Linden street . . . . .	Somerville avenue . . . . .	Charlestown street . . . . .	Wholly . . . . .	587	1,034 19
Loring street . . . . .	Somerville avenue . . . . .	Osgood street . . . . .	Wholly . . . . .	413	973 26
Lowden avenue . . . . .	Broadway . . . . .	Fosket street . . . . .	Wholly . . . . .	1,247	612 79
Moreland street . . . . .	Meacham street . . . . .	Mystic avenue . . . . .	Wholly . . . . .	780	2,386 80
Mystic street . . . . .	Mystic avenue . . . . .	Benedict street . . . . .	Wholly . . . . .	336	1,452 69
Pearson road . . . . .	Warner street . . . . .	Broadway . . . . .	Wholly . . . . .	564	1,112 00
Vine street . . . . .	Beacon street . . . . .	Hanson street . . . . .	Wholly . . . . .	662	1,097 06
					728 91
Length in feet, and cost . . . . .				11,707	\$22,412 24

TABLE B.  
Streets Repaired.

STREET.	FROM	TO	DESCRIPTION OF WORK.	FREET.	COST.
Albion street . . .	Lowell street . . .	Central street . . .	Macadamized . . .	1,365	\$870 22
Craigie street . . .	Somerville avenue . . .	Summer street . . .	Re-surfaced . . .	1,280	167 72
Cypress street . . .	Central street . . .	Beech street . . .	Macadamized with tarvia . . .	262	489 63
Franklin street . . .	Washington street . . .	Oliver street . . .	Macadamized with tarvia . . .	690	810 10
Liberty avenue . . .	Hall avenue . . .	Fosket street . . .	Re-surfaced with tarvia . . .	110	131 12
Main street . . .	Medford line . . .	Broadway (N'y side)	Re-surfaced with tarvia . . .	966	542 84
Marion street . . .	Wyatt street . . .	Concord avenue . . .	Macadamized with tarvia . . .	560	823 37
Oliver street . . .	Franklin street . . .	Cross street . . .	Macadamized with tarvia . . .	1,085	1,061 80
Park street . . .	Somerville avenue . . .	Railroad crossing . . .	Resurfaced with tarvia . . .	550	346 51
Porter street . . .	Elm street . . .	Summer street . . .	Re-surfaced . . .	1,190	231 40
Preston road . . .	School street . . .	Summer street . . .	Macadamized with tarvia . . .	839	772 00
Robinson street . . .	Central street . . .	Bartlett street . . .	Resurfaced . . .	582	103 45
Length in feet and cost . . . . .				9,479	\$6,350 16



TABLE C.

Sidewalks Constructed Where the Materials Were Furnished by the City and One-half the Cost Was Assessed Upon the Abutting Estates.

STREET.	SIDE.	FROM	TO	FEET OF EDGE STONES.	YARDS OF BRICKS.	YARDS OF GRANOLITHIC.	COST.
Albion street . . .	Northeasterly . .	Central street . .	Lowell street . .	1,334.3	....	....	\$ 1,470 99
Appleton street and Liberty avenue . .	Both . .	Liberty avenue . .	Clifton street . .	548.6	....	....	551 41
Ash avenue . . .	Northwesterly . .	Hall avenue . .	Appleton street . .	1,168.8	....	....	1,130 41
Autumn street . .	and Southeasterly	Fosket street . .	East Albion street . .	813.5	....	....	743 01
Bay State avenue . .	Both . .	Meacham street . .	Bonair street . .	2,421.2	....	....	2,352 26
*Beech street . . .	Both . .	Broadway . .	Fosket street . .	479.9	....	....	537 54
Benton road . . .	Both . .	Broadway . .	Atherton street . .	....	....	....	48 07
Benton road . . .	Westerly . .	Somerville avenue . .	Mary B. Butterworth, { No. 44 . .	....	....	30.5	43 03
Bond street . . .	Westerly . .	in front of estate of . .	Sarah E. and Charles { E. Cook, No. 42 . .	70.2	....	27.3	67 59
Broadway . . .	Northwesterly . .	in front of estate of . .	Chas. W. Cahalan et als	....	....	265.4	502 93
Broadway . . .	Southeasterly . .	Bartlett street . .	Glenwood road . .	....	....	189.3	313 21
Broadway . . .	Southwesterly . .	Lowden avenue . .	Bay State avenue . .	....	....	91.6	158 99
Broadway . . .	Northeasterly . .	From and including } estate No. 763 . .	Pearson road . .	....	....	126.1	220 55
{ Broadway and Cross street . . .	Northerly . .	in front of . .	Steamer 2 House . .	....	....	837.4	1,466 37
Broadway . . .	Easterly . .	Fellsway west . .	Temple street . .	....	84.5	....	105 33
Charles street . . .	Northeasterly . .	Washington street . .	Southerly end . .	913.5	....	....	950 08
Cleveland street . .	Westerly . .	Central street . .	Harvard street . .	711.	....	....	855 74
Concord avenue . .	Both . .	Beacon street . .	Wyatt street . .	....	60.1	....	70 98
*Dana street . . .	Both . .	Pearl street . .	Everett avenue . .	....	....	158.8	226 90
Electric avenue . .	Southeasterly . .	Curtis street . .	Westminister street . .	....	....	414.	673 01
Glenwood road . .	Westerly . .	Broadway . .	Medford street . .	....	466.7	....	617 17
*Glenwood road . .	Southwesterly . .	Medford street . .	Vernon street . .	....	....	242.6	356 45
Gilman terrace . .	Westerly . .	Pearl street . .	End of terrace . .	773.5	....	....	755 59
Granite street . .	Westerly . .	Somerville avenue . .	Osgood street . .	....	....	....	
			Carried forward . .	9,234.5	611.3	2,383.	\$14,217 61

\* Where not already laid.

TABLE C.—Concluded.

STREET.	SIDE.	FROM	TO	FEET OF EDGESTONES.	YARDS OF BRICKS.	YARDS OF GRANOLITHIC.	COST.
Heath street . . .	Both . . .	Mt. Vernon avenue . .	Brought forward . .	9,234.5	611.3	2,382.	\$14,217 61
{ Harrison street and	Both . . .	Ivaloo street . . .	Moreland street . .	705.8	....	....	633 36
Kent street . . .	Easterly . . .	Harrison street . . .	Kent street . . .	....	932.7	....	864 52
*Highland avenue . .	Southwesterly . .	Spring Hill terrace . .	Central street . . .	....	885.7	....	926 62
Howard street . . .	{ Both . . .	Thorndike street . . .	Gorham street . . .	743.9	....	....	697 61
Ivaloo street . . .	Northwesterly . .	Beacon street . . .	Harrison street . . .	....	....	....	....
Lexington avenue . .	Northerly . . .	Harrison street . . .	Park street . . .	630.8	....	....	581 99
Linden street . . .	Both . . .	Hancock street . . .	Cedar street . . .	1,462.	....	....	1,405 03
Loring street . . .	Both . . .	Somerville avenue . .	Charlestown line . .	1,190.9	....	....	1,049 08
Lowden avenue . . .	Both . . .	Somerville avenue . .	Osgood street . . .	782.5	....	....	808 95
Moreland street . . .	Both . . .	Broadway . . .	Fosket street . . .	2,441.5	....	....	2,664 55
Morgan street . . .	Both . . .	Meacham street . . .	Mystic avenue . . .	1,637.6	....	....	1,684 06
*Munroe street . . .	Both . . .	Beacon street . . .	Park street . . .	....	346.2	....	389 89
Mystic street . . .	Both . . .	Boston street . . .	Prospect Hill avenue .	798.1	....	....	895 97
Newbury street . . .	Northwesterly . .	Benedict street . . .	Mystic avenue . . .	698.8	....	....	797 61
Park street . . .	Westerly . . .	Holland street . . .	To and including estate	....	....	779.7	1,061 93
Partridge avenue . .	Southwesterly . .	Beacon street . . .	No. 73 . . .	....	....	....	....
Pearson road . . .	Easterly . . .	Medford street . . .	Railroad crossing . .	....	444.7	....	460 23
Pearson road . . .	Both . . .	Broadway . . .	Vernon street . . .	....	670.4	....	867 25
Rogers avenue . . .	Westerly . . .	Warner street . . .	Sidewalk already laid	....	....	31.8	71 79
Rogers avenue . . .	Easterly . . .	Broadway . . .	Broadway . . .	1,149	....	....	1,186 12
{ South and	Westerly . . .	Frederick avenue . .	Near Frederick avenue.	....	....	500.6	934 16
Medford street . .	Northerly . . .	In front of estate of	Morrison avenue . .	....	....	433.	855 17
Sycamore street . . .	Easterly . . .	Medford street . . .	No. 3 South street and	....	79.7	....	84 18
Vine street . . .	Both . . .	Beacon street . . .	No. 24, 26, 28 Medford st.	....	....	....	....
Wesley street . . .	Southwesterly . .	Pearl street . . .	Richdale avenue . .	....	....	....	443.37
Willoughby street . .	Southwesterly . .	Central street . . .	Hanson street . . .	1,112.1	....	....	1,065 34
			Otis street . . .	....	349.	....	345 56
			To and including estate 11	....	127.	....	154 02
			Total . . .	22,587.5	4,446.7	4,437.7	\$35,145 97

\* Where not already laid.

**TABLE D.**  
**Sidewalks Constructed Where the Whole Expense Was to be Paid for by the Abutters.**

For	Street.	Feet of Edgestones.	Yards of Granolithic.	Cost.
Abraham B. Beal . . .	Highland avenue	145.6	37.6	\$75 10
Charles W. Cahalan et als. .	Heath street . .		60.8	132 21
Somerville National Bank .	Bow street . .			95 60
	Total . . .	145.6	98.4	\$302 91

TABLE E.  
Gutters Paved in Connection with Setting Edgestones.

STREET.	Side.	From	To	Square Yards.	Cost.
Albion street . . .	Northeasterly	Central street	Lowell street	444.8	\$984 12
{ Appleton street and	Both	Liberty avenue	Clifton street		
{ Liberty avenue . . }	Northwesterly	Hall avenue	Appleton street	182.9	392 49
Ash avenue . . .	Southeasterly	Fosket street	Appleton street		
Autumn street . .	Both	Meacham street	East Albion street	389.6	709 88
Bay State avenue .	Both	Broadway	Bonair street	180.8	527 60
Beech street . . .	Both	Broadway	Fosket street	807.1	1,895 29
{ Bond street and	Both	Somerville avenue	Atherton street	159.9	641 31
{ Heath street . . . }	In front of estate of	Charles W. Cahalan		71.9	154 83
Cleveland street .	Both	Central street	Harvard street	304.5	592 61
Concord avenue . .	Both	Beacon street	Wyatt street	237.	620 23
Granite street . .	Both	Somerville avenue	Osgood street	257.8	565 15
Heath street . . .	Both	Mt. Vernon avenue	Moreland street	235.2	423 28
Howard street . .	Both	Thorndike street	Gorham street	248.	700 57
{ Ivaloo street . . . }	Northwesterly	Beacon street	Harrison street and	210.2	432 59
Loring street . . .	Northerly	Harrison street	Park street		
Lexington avenue .	Both	Somerville avenue	Osgood street	260.8	569 97
Linden street . . .	Both	Hancock street	Cedar street	487.3	929 32
Lowden avenue . .	Both	Somerville avenue	Charlestown line	396.9	655 26
Moreland street . .	Both	Broadway	Fosket street	813.8	1,721 41
* Munroe street . .	Both	Meacham street	Mystic avenue	545.9	1,095 41
Mystic street . . .	Both	Boston street	Prospect Hill avenue	310.4	692 54
Pearson road . . .	Both	Benedict street	Mystic avenue	271.8	788 73
Russell street . . .	Both	Warner street	Broadway	383.	694 43
Vine street . . .	Easterly	Cambridge line	Orchard street	82.9	162 23
	Both	Beacon street	Hanson street	370.7	751 07
			Total	7,653.2	\$16,700.32

\* Where not already laid.



**TABLE F.**  
**Driveways Constructed at Expense of Abutters.**

FOR	LOCATION.
American Tube Works . . . .	. . . . Church street
Amelia I. Buffum . . . .	. . . . 129 Perkins street
Bernard Charles . . . .	. . . . 37 Trull street
Thomas A. Crowell . . . .	. . . . 29 Hudson street
Winslow W. Coffin . . . .	. . . . 64 Bonair street
Carrie P. Moses . . . .	. . . . Benton Road
James P. O'Neil . . . .	. . . . 62 Webster avenue
Sewers Maintenance . . . .	. . . . Park street
George A. Titcomb, Executor . .	. . . . Benton road

**TABLE G.**  
**Driveway Discontinued at Expense of Abutter.**

FOR	LOCATION.
John Kenny . . . .	78 Boston street . . . .

**TABLE H.**  
**Driveways Re-located at Expense of Abutters.**

FOR	LOCATION.
Raphael Caterino . . . .	. . . . 64 Union Square
Reuben Willis . . . .	. . . . 285 Broadway

TABLE I.  
Streets Accepted by the Board of Aldermen of 1908.

STREET.	WARD.	FROM	TO	WIDTH IN FEET.	LENGTH IN FEET.	ACCEPTED.
Bromfield road .	7	Warner street	Dearborn road	40	1,262	July 23, 1908
Chestnut street .	1	Poplar street	Southeasterly end	40	537	December 24, 1908
Dimick street .	2	Concord avenue	Calvin street	40	957	January 1, 1909
Francis street .	6	Porter street	Conwell avenue	30	180	December 24, 1908
Grant street .	4	Jaques street	Mystic avenue	40	829	July 24, 1908
Hamlet street .	3	Present terminus	Boston street	30	165	December 24, 1908
Kidder avenue .	7	Willow avenue	Liberty avenue	40	664	December 24, 1908
Linden street .	2	Somerville ave.	Charlestown st.	33	587	June 12, 1908
Marion street .	2	Wyatt street	Dimick street	40	401	December 11, 1908
Pearson avenue .	6	Morrison ave.	Boston avenue	45	1,320	May 15, 1908
Length in feet . . . . .					6,902	

**TABLE J.****Street Crossings Laid.****GRANOLITHIC.**

Fairmount avenue, across same, at intersection with Curtis street.

Gorham street, westerly side, between store and factory building of Martin W. Carr & Co.

Holland street, across same to railroad track from westerly side of Wallace street.

Summer street, across same, from northwesterly side of Hancock street.

Summer street, across same, from northeasterly side of Lowell street.

**VITRIFIED BRICKS.**

Broadway, across same, midway between Adams street and Bartlett street.

Cleveland street, across same, from westerly side of Central street.

**Length of Accepted Streets in Each Ward.**

											Miles.
Ward	1	.	.	.	.	.	.	.	.	.	9.456
"	2	.	.	.	.	.	.	.	.	.	8.354
"	3	.	.	.	.	.	.	.	.	.	7.479
"	4	.	.	.	.	.	.	.	.	.	9.390
"	5	.	.	.	.	.	.	.	.	.	11.182
"	6	.	.	.	.	.	.	.	.	.	12.447
"	7	.	.	.	.	.	.	.	.	.	15.787
											<hr/>
Total length of accepted streets in the city . . .											74.095

Respectfully submitted,

ASA B. PRICHARD,

Street Commissioner.

## REPORT OF COMMISSIONER OF PUBLIC BUILDINGS.

OFFICE OF COMMISSIONER OF PUBLIC BUILDINGS, }  
City Hall, Somerville, January 1, 1909. }

To the Honorable, the Mayor, and the Board of Aldermen of  
the City of Somerville:—

Gentlemen,—I have the honor, as commissioner of public buildings, to submit the following as the report of the department of public buildings and the department of inspection of buildings for the year 1908. In submitting this report I desire to express my appreciation of the valuable counsel and assistance received from his honor, the mayor, and from the members of the honorable, the board of aldermen.

### **Somerville Beach.**

On August 1, 1908, the Somerville bathing beach was opened to the public of Somerville. The beach is located on the shore of the Mystic river about 1,000 feet west of the Wellington bridge. This location has been a favorite spot for many years for bathers on account of the natural, gravelly beach which is located there. The bathers were formerly obliged to disrobe on the shore of the river, in the open, at not only an inconvenience to themselves, but to the discomfort of many people who were seeking the pleasure and benefit of boating on the river. The equipment provided for the public at the beach now includes comfortable quarters for the care of the clothes while the owners are in the water. The building erected contains accommodations for sixty men and boys and sixty women and girls, and a room for the storage and distribution of the suits. The building is equipped with two shower baths, first aid cabinet, and miscellaneous equipments for the convenience of bathers.

The suit department is equipped with a sufficient number of suits, for which a small fee is charged if used by the patrons who care to avail themselves of the privileges. Bathers may use their own suits if they desire and have the use of the rooms at a small fee. Mr. Edwin P. Fitzgerald was in charge of the beach as life-guard and custodian, and under his direction the management was very satisfactory. A great many bathers were, under his direction, quickly taught to swim, and all of the bathers were carefully watched by him at all times. The best evidence of the careful management is the fact that, although there were many hundreds of bathers, no serious accident occurred during the season. The continual increase in the number of bathers during the season would indicate that during the present year it will be necessary to increase the bathhouse in size in order to accommodate those who will desire to use the beach. The follow-



ing is a list of the rules adopted for the guidance of the patrons:—

### **Mystic River Bathhouse.**

#### **RULES FOR BATHERS.**

No responsibility is assumed for articles lost from the dressing rooms.

Upon leaving the bathhouse after bathing, return the key to the office. This rule must be strictly observed. A charge of twenty-five cents will be made for a lost key.

Leave bathing suit and towel in the baskets to be found in the aisles.

Report immediately to the person in charge any annoyance in the water.

The bringing of intoxicating liquors is prohibited.

Only persons properly costumed will be permitted to bathe.

Smoking is positively forbidden in the bathhouse.

Commit no nuisance in the dressing rooms. Toilet rooms are provided.

The bathhouse must not be defaced in any way.

Bathing suits must be removed while using the shower bath.

A violation of these rules shall be cause for exclusion from the use of the bathhouse.

Per order,

WALTER T. LITTLEFIELD,

Commissioner of Public Buildings.

Approved:

CHARLES A. GRIMMONS, Mayor.

Note—The duration of a bath for a strong, robust person should not exceed twenty minutes.

### **Health Stable.**

On June 12, 1908, an order was passed by the board of aldermen appropriating the sum of \$10,500.00 for reconstruction of the health stable in accordance with plans and specifications prepared by the commissioner of public buildings. Estimates were received on June 2, 1908, as follows:—

F. C. Alexander . . . . .	\$12,992 00
John Welsh . . . . .	10,667 00
Orne & Lawrence . . . . .	10,374 00
G. W. Davis & Son . . . . .	9,984 00
J. M. Andrews & Son . . . . .	9,891 00
A. H. Hines . . . . .	9,900 00
P. J. Foley Company . . . . .	9,900 00
Walsh Brothers . . . . .	9,600 00

The contract for construction was awarded to Walsh Brothers, of Oak street, Somerville, they being the lowest bidders. The work of construction was commenced immediately after the signing of the contract, and continued without interruption until the building was completed.

The old stable was partially razed and the new additions constructed so as to accommodate thirty-nine stalls on the first floor, ample storage for hay and grain on the second floor, and a commodious basement. That portion of the old building not razed was so renovated as to contain a lobby for employees, a blanket drying room, wash stand, and office. Every modern

convenience for sanitation and cleanliness was installed and the improvements made provided a comfortable home for the dumb beasts to whom the city owes a great deal for faithful work performed, as well as providing better facilities for their care by the health department.

### Care and Repair.

The care of the various buildings of the city has proceeded as formerly under a system of inspections by this department and requisitions from the various custodians. A great deal of work was performed during 1908 along the lines of renovating the older buildings, and must continue on similar lines until they are all thoroughly repaired and refreshed. So many things causing items of expense are continually arising that it is impossible to carry out all the needs in one year, but the most important ones can be taken care of as they arise. The public buildings which are placed in accordance with the charter requirements under this department, and the jurisdiction of the commissioner of public buildings, are as follows:—

Building.	Valuation.	Year Built.	Location.
Baxter school.....	\$32,955 64	1901	Bolton street
Bell school.....	45,400 00	1874	Vinal avenue
Bennett school.....	50,448 32	1902	Maple street
Bingham school.....	68,885 04	1886	Lowell street
Brown school.....	59,690 16	1901	Willow street
Burns school.....	34,760 00	1886	Cherry street
Carr school.....	53,800 00	1898	Atherton street
Cummings school.....	11,921 00	1884	School street
Davis school.....	22,720 00	1884	Tufts street
Durell school.....	19,720 00	1894	Beacon street
Edgerly school.....	44,230 00	1871	Cross street
Forster school.....	85,290 00	1866	Sycamore street
Glines school.....	80,540 00	1891	Jaques street
Hanscom school.....	69,580 00	1897	Webster street
Latin High school.....	78,537 00	1871	Highland avenue
English High school...	137,900 00	1895	Highland avenue
Highland school.....	60,560 00	1880	Highland avenue
Hodgkins school.....	71,700 00	1896	Holland street
Knapp school.....	50,540 00	1889	Concord square
Lincoln school.....	18,220 00	1885	Holland street
Morse school.....	48,199 00	1869	Summer street
Perry school.....	37,080 00	1899	Washington street
Pope school.....	80,160 00	1891	Washington street
Prescott school.....	66,260 00	1867	Pearl street
Proctor school.....	42,820 16	1905	Hudson street
Lowe school.....	51,826 16	1903	Morrison avenue
Public library.....	42,000 00	1884	Highland avenue
Police building.....	57,000 00	1874	Bow street
City hall.....	47,432 32	1851	Highland avenue
City hall annex.....	20,655 02	1893	Highland avenue
Contagious hospital....	22,793 76	1906	Broadway
City home.....	37,901 73	1871	Broadway
City stables.....	84,000 00	1894	Broadway
Health shed.....	1,189 79	1905	Broadway
Water dept. stable.....	32,000 00	1889	Cedar street
Central fire station.....	37,200 00	1893	Medford street

Engine 2 building.....	\$33,600 00	1894	Broadway
Hose 2 building.....	10,800 00	1871	Marshall street
Ladder 1 building.....	56,143 18	1904	Union square
Ladder 2 building.....	15,300 00	1894	Highland avenue
Hose 5 building.....	16,900 00	1888	Somerville avenue
Hose 6 building.....	18,200 00	1898	Holland street
Engine 4 building.....	15,900 00	1874	Highland avenue
Incinerating plant.....	3,000 00	1907	Cedar street
Bathhouse .....	3,363 21	1908	Mystic river
Total .....	\$1,988,226 49		

### Heating and Ventilating.

There has been no new system installed during the year 1908 in any of the buildings, but it has been necessary to make many changes and repairs. With the exception of the heating plants in the Highland, Morse, Cummings, and Davis schools, the various plants are working very satisfactorily. The above-mentioned buildings are equipped with furnace systems and are not satisfactory. It is imperative that the Highland school furnaces be removed during the coming year and a modern steam system be installed. The Cummings and Davis schools should be considered the coming year as to the ventilation, and something done to improve the same even if the furnaces cannot be removed. The Morse school may remain as it is at present possibly a year or two more.

The following table will describe the systems in use and the existing conditions:—

School.	No. of Rooms.	System.	Working Condition.
Baxter	6	gravity—automatic control	good
Bell	12	fan— automatic control	good
Bennett	12	gravity—hand control	good
Bingham	16	gravity—hand control	good
Brown	6	gravity—hand control	good
Burns	8	gravity—hand control	good
Carr	16	gravity—hand control	good
Cummings	4	furnace	not satisfactory
Davis	4	furnace	not satisfactory
Durell	4	gravity—hand control	good
Edgerly	12	gravity—hand control	good
Forster	12	gravity—hand control	good
Forster Annex	6	gravity—hand control	good
Glines	14	gravity—hand control	good
Hanscom	6	fan— hand control	good
High	47	fan— { part hand control part automatic control	good
Highland	12	furnace	not satisfactory
Hodgkins	12	gravity—hand control	good
Knapp	12	gravity—automatic control	good
Lincoln	4	gravity—hand control	good
Morse	12	furnace—hand control	fair
Perry	8	gravity—hand control	good
Pope	12	gravity—hand control	good
Prescott	12	fan—automatic control	good
Proctor	8	gravity—hand control	good
Lowe	8	gravity—hand control	good



## **Sanitary Conditions.**

### **SANITARY PROBLEMS IN SCHOOL BUILDINGS.**

The problem of making the schoolrooms in this city as nearly perfect, as regards sanitary conditions, as possible, is being made a special study of by this department, and I desire to try to impress the importance of this matter at this time. The greatest problem with which the caretaker of a schoolroom is obliged to contend is the dust evil. It is of the utmost importance that means should be taken to overcome, if possible, this menace to the health of the children and teachers who are obliged to breathe the air in these rooms for five hours daily. Many schemes for the solution of this difficulty have been devised by school authorities and custodians of school property. At the present time a sweeping compound is being used which seems to be very satisfactory. It is the intention of this department to try one of the various air-cleaning machines in the schools equipped with electricity. This method seems to have many advantages over the old system of the use of brushes, and may prove a complete solution of this problem. All of our schoolhouses are equipped with foul air out-takes, but this does not solve the dust problem. In fact, the constant movement of air currents toward the outlet tends to continually keep the dust in the air, which is breathed by the pupils. It is important, therefore, that some means independent of the ventilation system should be used to overcome the menace, which is one of the most perplexing problems with which the custodian of a school-building comes in contact.

### **Toilets.**

A careful watch has been kept of the toilet conditions in the schoolhouses, and every effort made to remedy any unsatisfactory conditions which have been found to exist. The toilet facilities in the Davis and Cummings schools should be entirely removed and a new system installed during the coming year. The present facilities are not in a satisfactory condition and cannot be made so except as recommended above. Additional toilet accommodations should be provided at once in the high school buildings. The accommodations there are entirely inadequate for the large number of pupils in attendance at those buildings.

The following table will describe the systems in use and the existing conditions :—



School.	System.			Ventilation.		General Work- ing Condition.
Baxter .....	Hydraulic closet	system.		Local	vented.	Good.
Bell .....	"	"	"	"	"	"
Bennett .....	"	"	"	"	"	"
Bingham .....	"	"	"	"	"	"
Brown .....	"	"	"	"	"	"
Burns .....	"	"	"	"	"	"
Carr .....	"	"	"	"	"	"
Cummings .....	"	"	"	"	"	Not satisfactory
Davis .....	"	"	"	"	"	Not satisfactory
Durell .....	"	Latrine	"	"	"	Good
Edgerly .....	"	closet	"	"	"	"
Forster .....	"	"	"	"	"	"
Forster Annex....	"	"	"	"	"	"
Glines .....	"	"	"	"	"	"
Hanscom .....	"	"	"	"	"	"
Latin High.....	"	"	"	"	"	Inadequate
English High.....	"	"	"	"	"	"
Highland .....	"	"	"	"	"	Good
Hodgkins .....	"	"	"	"	"	"
Knapp .....	"	"	"	"	"	"
Lincoln .....	"	"	"	"	"	"
Morse .....	"	"	"	"	"	"
Perry .....	"	"	"	"	"	"
Pope .....	"	"	"	"	"	"
Prescott .....	"	"	"	"	"	"
Proctor .....	"	"	"	"	"	"
Lowe .....	"	"	"	"	"	"

### Inspection of Buildings.

There have been issued during the year 258 permits for new buildings and alterations. This number is thirty-three less than in 1907. The total estimated cost of the new buildings and alterations was \$954,145.00, while the cost in 1907 was \$939,795.00, showing an increase of \$14,350.00. During the year there have been made 1,621 inspections of private buildings in the course of construction. The following table will show the number of permits in each ward and the uses for which they were intended:—

Buildings.	WARDS.							Total.
	1	2	3	4	5	6	7	
Dwellings . . . . .	9	16	4	19	31	31	71	181
Stores . . . . .	3	2			1	3	1	10
Stables . . . . .		3			1	1	1	6
Miscellaneous . . . .	14	12	6	4	5	7	6	54
Brick buildings . . . .	1	5					1	7
Total	27	38	10	23	38	42	80	258

The number of plumbing permits issued during the year was	386
Permits for plumbing in new buildings	171
Permits for plumbing in old buildings	215
Number of buildings in which soil pipes were tested	293
Number of master plumbers' licenses, 51 at \$.50	\$25.50
Number of journeyman plumbers' licenses, 25 at \$.50	12.50
Number of new master plumbers' licenses, 5 at \$2.00	10.00
Number of new journeyman plumbers' licenses, 1 at \$.50	.50
Total	<hr/> \$48.50

Respectfully submitted,

WALTER T. LITTLEFIELD,  
Commissioner of Public Buildings.

**REPORT OF THE COMMISSIONER OF ELECTRIC LINES  
AND LIGHTS.**

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No report of the commissioner of electric lines and lights  
has been presented for the year ending December 31, 1908.

FREDERIC W. COOK,  
City Clerk.

## **SOMERVILLE WATER WORKS.**

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**SOMERVILLE, MIDDLESEX CO., MASSACHUSETTS.**

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Area of city, including land and water, about 4.22 square miles.

Population, estimated, 74,000.

Entire population on line of pipe and supplied with water.

---

Water works owned by City of Somerville.

Construction commenced in 1868.

Source of supply : Metropolitan system, taking water of the  
Nashua river at Clinton, Mass.

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### **Mayor**

HON. CHARLES A. GRIMMONS.

### **Water Commissioner**

FRANK E. MERRILL.

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**Office of the Water Department,**

Room 10, City Hall.

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**Department Buildings and Yard,**

Cedar street, near Broadway.



## REPORT OF THE WATER COMMISSIONER.

OFFICE OF THE WATER COMMISSIONER, {  
January, 1909.

To His Honor, the Mayor, and the Board of Aldermen:—

I present herewith my report for the year ending December 31, 1908, this being the thirty-fifth annual report made by the water department:—

### Receipts and Expenditures.

Water bills have been issued as follows:—

"Annual" water charges, amounting to . . . . .	\$119,771 10
"Additional" water charges, amounting to . . . . .	3,517 86
"Metered" water charges, amounting to . . . . .	104,266 74
	<hr/>
	\$227,555 70
Abatements made on the above charges . . . . .	\$4,105 99
Refunds made on the above charges . . . . .	242 04
Abatements made on charges of 1907 . . . . .	10 00
	<hr/>
	4,358 03
Income from sale of water . . . . .	\$223,197 67
Amount received from water service assessments . . . . .	3,122 77
Amount received for labor and materials . . . . .	3,932 38
Balance from water income account of 1907 . . . . .	1 90
	<hr/>
Total income of water works . . . . .	\$230,254 72

This amount was used as follows:—

For water works purposes:—

Water works maintenance . . . . .	\$30,537 05
Water works extension . . . . .	16,573 59
Miscellaneous accounts . . . . .	3,932 38
Interest on water loan bonds . . . . .	2,720 00
Maturing water loan bonds . . . . .	7,000 00
Metropolitan water works assessment . . . . .	108,691 08
	<hr/>
	\$169,454 10

For other municipal purposes:—

Sewers, maintenance . . . . .	\$12,000 00
Fire department . . . . .	33,000 00
Reduction of funded debt . . . . .	10,800 62
	<hr/>
	60,800 62
	<hr/>
	\$230,254 72

In addition to the appropriations from water income to other municipal purposes enumerated above, water has been furnished without charge to all the city departments that have required its use. The value of this water is estimated at \$12,000; it is paid for out of the income from sale of water.

**Department Receipts and Disbursements.****WATER MAINTENANCE ACCOUNT,**

	DR.	CR.
Amount appropriated by board of aldermen from water income . . . . .		\$30,000 00
Sundry receipts for labor and materials . . . . .		3,607 78
Amount transferred from Water Works Extension account . . . . .		1,549 18
Materials used in extension of the water works . . . . .		12,932 68
Amount expended for labor and materials for operation, maintenance, and renewal of the water works . . . . .	\$30,537 05	
Amount expended for materials used in extension of the water works . . . . .	12,932 68	
Miscellaneous accounts . . . . .	3,607 78	
Unexpended balance . . . . .	1,012 13	
	<hr/> \$48,089 64	<hr/> \$48,089 64

**WATER WORKS EXTENSION ACCOUNT,**

	DR.	CR.
Amount appropriated by board of aldermen from water income . . . . .		\$15,000 00
Receipts from 163 water service assessments . . . . .		3,122 77
Receipts for 5 waterpost services . . . . .		324 60
Labor and materials used in extension of the water works . . . . .	\$16,893 19	
Amount transferred to Water Maintenance account . . . . .	1,549 18	
	<hr/> \$18,447 37	<hr/> \$18,447 37

**Cost of Water Works.**

The total cost of the water works on December 31, 1907, as represented by the expenditures from appropriations for water works extension was . . . . .	\$891,737 99
Expended during the year 1908, on extension account . . . . .	16,898 19
Total expenditures, December 31, 1908 . . . . .	<hr/> \$908,636 18

**Water Debt.**

Water loan bonds have been issued on funded debt account to the amount of \$1,017,000; this has been reduced by \$955,000, leaving the water debt on December 31, 1908, \$62,000.

The outstanding bonds mature as follows:—

YEAR.	AMOUNT.	YEAR.	AMOUNT.
1909	\$6,000	1915	\$5,000
1910	6,000	1916	5,000
1911	6,000	1917	5,000
1912	6,000	1918	5,000
1913	6,000	1919	4,000
1914	6,000	1920	2,000

**Water Works Income from 1898 and its Distribution.**

The water income and its distribution from 1898 to 1908, inclusive, is shown in the following table:—

Total water income, years 1898 to 1908, inclusive . . . \$2,410,734 79  
Distribution:—

**Water Works Account.**

Water Works Construction, Renewal, Maintenance and Operation . . . . .	\$600,004 34	
Water Bonds . . . . .	212,000 00	
Interest . . . . .	72,135 00	
Metropolitan Water Assessments . . . . .	749,901 52	
	<hr/>	\$1,634,040 86

**Other Municipal Accounts.**

Sewers	{ Construction . . . . .	\$117,035 65	
	{ Maintenance . . . . .	110,450 00	
	{ Bonds . . . . .	72,000 00	
	{ Interest . . . . .	58,792 00	
	{ Assessments . . . . .	31,000 00	
		<hr/>	\$389,277 65
Fire Department, Maintenance . . . . .			241,026 33
Health Department, Maintenance . . . . .			7,500 00
Suppression of Moths . . . . .			1,000 00
Reduction of Funded Debt . . . . .			136,100 87
Unappropriated Balances . . . . .			1,789 08
			<hr/>
			\$2,410,734 79

**Extension of Water Distribution System.****STREET MAINS.**

The accompanying table gives the location and description of new water mains laid during the year, number and size of gates set, number and kind of hydrants, blow-offs, and water-posts constructed.

The total number of feet of new mains laid, including hydrant, blow-off and waterpost branches, was 4,179, making the water pipe mileage of the city approximately 92.92 miles.

On account of the taking over of Mystic avenue by the state and its construction as a state highway, water mains were laid in such portions of the street as were necessary to make the pipe line continuous from the city of Medford line to Fellsway west; the main was also extended in this street from Garfield avenue to New Cross street for a new house service.

Mains were laid in Grant street and in Marion street to accommodate new buildings, and were extended to connections with other pipes for the removal of dead ends. In Appleton street, Liberty avenue, and Cleveland street mains were laid in conjunction with work being done by the highway department, in anticipation of new services and to connect dead ends. Mains were extended in Pearson road and in Powder-house boulevard for the accommodation of new houses, and in Taylor street to

supply a fire hydrant for the better protection of that neighborhood.

Trench work, excavating, and refilling for water pipes was done by contract labor in the following streets and at prices named:—

Street.	Feet of Trench.	Cu. Yards Rock	Contractor.	TRENCH WORK.		Total Cost of Trench Work.	Average Cost per foot of Trench Work.
				Earth. Lin. Ft.	Rock. Cu. Yd.		
Mystic ave: (Temple st. to Wheatland st.)	719.5	....	B. Burke . . .	\$.27	....	\$194.27	\$ .27
Mystic ave: (Garfield ave. to New Cross st.)	234.5	....	C. A. Kelley .	.53	....	128.04	.546
Powder-house boulevard	640	79	T. F. Crimmings	.38	\$3.00	480.20	.75

The pipes and all materials required were furnished, and the pipe-laying done in each street by the water department.

#### Hydrants, Gates, etc.

Seventeen hydrants were set during the year on the following streets: Bromfield road, 2; Central street, 1; Grant street, 1; Kent street, 1; Marion street, 1; Mystic avenue, 3; Pearson road, 1; Powder-house boulevard, 2; Taylor street, 1; Teele avenue, 2; Vernon street, 1; Waverley street, 1. One hydrant standing on what was formerly Frost avenue, now the yard of the American Tube Works, has been sold to that company for their private use and has been discontinued as a city hydrant; four hydrants in the grounds of Tufts College, formerly supplied by city of Somerville water, are now supplied by the city of Medford. The net increase in public hydrants, then, is sixteen, and decrease in number of private hydrants three, making the total number located on city streets 1,038, and the number in factory and railroad yards, connected with the city water supply, forty-seven. The number of gates set on street mains, service mains, waterpost branches, etc., during the year was eighteen, and the total number now in use throughout the city is 1,422. Five new waterposts were set for the use of the street watering department on the following streets: Beacon street, Cleveland street, Frederick avenue, Moreland street, and Prospect street, making the number now in use eighty-three. A blow-off branch was constructed connecting with the main in Bromfield road; also one in Mystic avenue, making 138 now connected with the distribution system. On account of the frail construction of the old horse trough in Gilman square, its base having been badly damaged by the poles of heavy teams, it has been removed, and none other, as yet, set in its place, the number now in use in the city, including the drinking fountains, being nine.



**Water Services.**

One hundred and sixty-nine new service pipes were laid during the year, requiring 6,395 feet of pipe. The total length of service pipe in the city is approximately 76.5 miles, and the number of house connections 11,817. Fourteen services have been discontinued, on account of the grade crossing changes on Somerville avenue.

**Water Meters.**

Nine hundred and two new meters have been installed during the year; thirty-four removed for various causes in previous years were reset; fifty-seven were removed for either permanent or temporary discontinuance of use of water, making the net increase in number of meters in service 879, and the total number in use 4,325. One motor register was discontinued. The kinds and sizes of meters now in use are shown in the following table:—

**METERS DECEMBER 31, 1908.**

KIND	SIZE								Total.
	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	
Nash . . .	172								172
Empire . . .	1								1
Crown . . .	5	3	3	2	2	2	1	1	19
Gem . . .							1		1
Hersey . . .			4	1	2	2			9
Hersey Disc	223	20	3	1	3				250
Torrent . . .								1	1
Trident . . .	219	44	20	6	5		1		295
Crest . . .					2	3	1		6
Union . . .	15	12	7	1	6		1		42
Union Special		16	2	2					20
Columbia . .	145								145
King . . .	439								439
Lambert . . .	1,825	112	18						1,955
Worthington Disc . . .	970								970
<b>Totals . .</b>	<b>4,014</b>	<b>207</b>	<b>57</b>	<b>13</b>	<b>20</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>4,325</b>
Motor and elevator registers									8
									<b>4,333</b>

The meters installed in 1908 were classed as follows:—

Applications of property owners . . . . .	611
New services . . . . .	147
General installation . . . . .	144
Reset . . . . .	34
<b>Total . . . . .</b>	<b>936</b>

Meters were removed for the following causes:—

Vacancies and temporary non-use of water . . . . .	28
Services permanently discontinued . . . . .	3
Services at Tufts College, now supplied by city of Medford . . . . .	11
Replaced by other meters . . . . .	15
	<hr/>
	57
Organ motor at Tufts College, now supplied by city of Medford . . . . .	1

The following table gives a summary of the pipes and fixtures of the water system December 31, 1908:—

#### Summary of Pipes and Fixtures.

Feet of main pipe (approximately) . . . . .	490,631
Feet of service pipe (approximately) . . . . .	403,950
Service connections (approximately) . . . . .	11,817
Public fire hydrants . . . . .	1,038
Private fire hydrants . . . . .	47
Gates . . . . .	1,422
Check valves . . . . .	7
Meters . . . . .	4,325
Motor registers . . . . .	8
Waterposts . . . . .	83
Blow-offs . . . . .	138
Drinking fountains and troughs . . . . .	9

#### Inventory.

An inventory of stock on hand, tools and machinery, teams and stable equipment, pumping apparatus and furniture, shows their valuation \$27,171.80; the land and buildings of the department are valued at \$32,100, and the general distribution system of the water works has an estimated valuation of \$900,000.

#### Maintenance.

The physical condition of the works has been kept up to its usual high standard. The fire hydrants have been carefully inspected, special attention being given them during the winter season, repairs made as needed, and defective ones replaced. Street valves have been oiled and gate boxes raised and lowered to grade. Horse troughs have received their customary attention and have been kept in clean condition. The drinking fountain in Davis square has been equipped with a new ice-tank, constructed on scientific principles, and ice-water has been furnished there during the warm season. The fire supply to the American Tube Works, on Church street, has been relocated and enlarged at their expense; the old pipe line in what was formerly Frost avenue has been abandoned and its connection with the Somerville avenue main has been offset so as to connect with a new main laid by the Tube Works through their yard. The gate on the old Sherman street connection has been set back to make place for the installation on this branch of a fire

hydrant at a later date. One hundred thirty-four leaks on service pipes have been repaired and eighty-three pipes have been replaced in whole or part. Service gates have been brought to grade in all streets where sidewalk construction or alterations were being made by the highway department. Fourteen joint leaks and breaks in the street mains were repaired during the year. On November 14 the twenty-inch main in Washington street, near Boston street, again broke and caused a large damage to the street, but fortunately none to neighboring property. On the 17th of November the sixteen-inch main in Mansfield street again blew out and caused considerable damage to that street. These pipes have been laid sixteen years, and have given much trouble from time to time by their breaking without any apparent cause or reason. Considerable study has been given to the changes in the water main system, made necessary by the grade crossing elimination in Somerville avenue, and plans of proposed new pipe lines have been submitted.

The installation of water meters has brought largely increased work upon both the accounting and maintenance departments of our work. Thirteen meters have been taken out, tested for accuracy, and re-set, on request of rate-payers; of these, twelve were found to be registering correctly, and one was over-registering. Meters are tested at the department shop on request of any rate-payer who deems his water bill excessive, upon his payment to the city of \$1 to cover the cost; if the meter is found to be inaccurate beyond the allowance of three per cent., the testing charge is refunded. There are many causes for a meter to get out of order and under-register, but it is rarely the case that anything happens that makes them register against the consumer. One hundred and sixty-four meters were found "stuck" in service, and were removed for repairs, the following reasons appearing for their condition: Broken disks, fifty-nine; freezing, twenty-six; dirt, sediment, and other obstructions in the meter, twenty-five; hot water, two; worn-out gear trains, eight; defective registers, thirty-four; miscellaneous defects in gears, spindles, screws, etc., inside the meters, ten.

A stock room has been fitted up at the shop building for small repair parts of meters, and a large room for service fittings and other supplies has been constructed for the better and more systematic handling of department stock and tools.

A part of the buildings and grounds of Tufts College, situated in the city of Medford, have in the past been furnished with water from the Somerville system, but during the last year the Medford water department has laid pipes to connect with the main service of the college, and is now supplying these buildings with water. The connection with the Somerville main has been cut off, and the supply to four fire hydrants, eleven metered services, and one organ motor has thus been discontinued.



**Water Assessments and Consumption.**

The annual assessments paid by this city as its proportionate part of the cost and operation of the metropolitan water works are given below:—

Year.	Sinking Fund.	Maintenance.	Interest.	Total.
1898	No division made			\$14,250 19
1899	"	"	"	20,975 58
1900	"	"	"	28,689 24
1901	\$12,491 73	\$12,033 79	\$32,291 24	56,816 76
1902	19,014 85	12,955 64	30,427 40	62,397 89
1903	15,748 56	12,763 10	48,776 77	77,288 43
1904	16,404 42	15,393 87	54,938 64	86,736 93
1905	21,358 11	13,666 71	55,535 91	90,560 73
1906	22,345 50	17,412 51	57,402 07	97,160 08
1907	25,365 30	18,880 01	62,089 30	106,334 61
1908	24,865 73	15,221 12	68,604 23	108,691 08
				<hr/> \$749,901 52

There has been credited to the city by the commonwealth as its proportion of the amounts received from entrance fees, water supplied outside the district, and water furnished to water companies the sum of \$9,056.10.

The daily consumption of water in Somerville, as recorded by the Venturi meters, operated by the metropolitan water works, is shown below by months for the year 1908:—

Month.	Gallons.	Month.	Gallons.
January .....	6,493,000	July .....	7,284,700
February .....	7,363,100	August .....	6,597,800
March .....	6,298,600	September .....	6,446,600
April .....	6,229,800	October .....	6,158,300
May .....	6,604,100	November .....	6,013,400
June .....	7,393,600	December .....	6,198,500

The total consumption for the year is 2,411,647,200 gallons, making an average daily consumption of 6,589,200 gallons.

The average daily quantity of water used in Somerville during 1908 was eighty-nine gallons per inhabitant, a decrease of one gallon from the previous year's consumption; the average for the entire district remaining the same as last year, or 133 gallons daily per capita.



The following table shows the daily per capita consumption of water in the cities and towns in the metropolitan water district for the year 1908, as registered by the metropolitan meters:—

City or Town	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For the Year.
Boston .....	165	179	160	156	159	164	161	152	153	151	144	155	158
Somerville .....	89	100	86	85	90	100	98	89	87	83	81	83	89
Malden .....	42	44	41	44	49	57	53	46	50	45	41	41	46
Chelsea .....	94	120	90	171	115	112	107	101	91	95	86	77	104
Everett .....	85	104	78	76	79	88	86	80	81	74	70	78	82
Quincy .....	93	97	90	87	97	115	117	104	105	99	94	88	99
Medford .....	97	104	96	95	104	119	117	96	97	85	80	79	97
Melrose .....	105	102	93	94	99	111	106	84	85	72	64	61	89
*Revere .....	79	99	79	77	88	107	116	102	93	76	73	77	89
Watertown .....	51	53	52	58	63	78	69	57	64	59	56	53	60
Arlington .....	73	86	74	80	89	126	126	98	111	89	81	82	93
Milton .....	38	36	36	40	49	60	56	46	51	44	37	33	44
Winthrop .....	97	110	100	106	111	140	156	142	135	116	106	103	118
Stoneham .....	102	116	98	96	93	98	102	89	92	84	85	79	94
Belmont .....	52	57	57	65	77	114	126	97	95	71	68	56	78
Lexington .....	48	56	51	58	75	109	105	83	91	70	54	51	71
Nahant .....	84	96	75	85	88	85	90	67	59	58	54	60	75
Swampscott .....	64	69	65	68	72	112	108	91	88	63	53	52	78
Metropolitan Dist.	136	149	132	132	134	142	139	129	130	126	119	126	133

\*Includes 280 people in Saugus.

The district, in order of consumption, beginning with the lowest, stands as follows:—

City or Town.	G a l l o n s.		City or Town.	G a l l o n s.	
	Total per Day.	Per Capita per Day.		Total per Day.	Per Capita per Day.
1—Milton .....	331,600	44	8—Revere .....	1,293,100	89
2—Malden .....	1,868,600	46	8—Melrose .....	1,351,900	89
3—Watertown ....	732,000	60	9—Arlington ...	971,200	93
4—Lexington ....	328,800	71	10—Stoneham ...	626,000	94
5—Nahant .....	140,100	75	11—Medford ....	2,069,000	97
6—Belmont .....	365,400	78	12—Quincy .....	3,003,600	99
6—Swampscott ...	509,300	78	13—Chelsea .....	3,316,900	104
7—Everett .....	2,636,300	82	14—Winthrop ...	928,700	118
8—Somerville ....	6,598,200	89	15—Boston .....	98,379,300	158

### Meterage.

Following out the provisions of the Water Meter Act of 1907, requiring the installation of meters on all services in the metropolitan district, 902 premises were thus equipped, this number being approximately 373 in excess of that actually demanded by the legislative requirement. About thirty-seven per cent. of all the services in the city are now equipped with meters. The policy has been continued of metering all premises where owners make application therefor, and the number of these last year was 611. A systematic metering of the city was begun,

also, by equipping all buildings within a specified district; the one selected last year included Austin, Benedict, Mystic, North Union, and Union streets, Benedict avenue and lower part of Mystic avenue, Tenney court, and northerly side of Broadway, from Austin street to the Charlestown line, and required the installation of 132 meters.

The water department furnishes all the meters required by the provisions of the law, without expense to the property owners, and retains ownership of the meters, but the owner is required to pay the expense of their installation, as well as all subsequent costs that may result from freezing or other damage to the meters.

One result of local metering is noticed in the gradual reduction of the water income; this indicates that, as a whole, the metered consumers are paying less for their water than they did on the old flat rate basis, and the individual accounts kept in the water office show, in many instances, a very large saving over the old rates.

Another result is the holding practically stationary of the daily per capita water consumption, while the natural tendency is toward an increase. It is hoped, with the complete metering of certain districts in the city, to show a material reduction in the present figure of eighty-nine, but with the large commercial consumption of water in our city it is not expected to reach the low figure shown by some of our neighboring municipalities.

As one of the main reasons for the passage of a compulsory meterage law was the conservation of our costly water supply by the restriction of water waste, and the saving of the immediate necessity of further great expenditures for building new water supplies, it is obvious that the general meterage of this city and of the whole metropolitan district should be completed as soon as possible.

Respectfully submitted,

FRANK E. MERRILL,

Water Commissioner.

## Locations of New Mains Laid, Length and Size, Number of Gates, Hydrants, Etc., Set in 1908.

NAME OF STREET.	DESCRIPTION OF WORK.	PIPE LAID.		GATES SET.		HYDRANTS SET.	BLOW-OFFS.		WATERPOSTS.
		Size.	No. Feet.	Size.	No.		Kind.	No.	
Aberdeen road	Street main; from connection with 6" main at bend in road to point 71 ft. westerly.	1½"	71						
Adelaide road	Street main; from point 100' north from north line Somerville avenue to point 146' north from same place.	2"	46						
Appleton street	Street main; from connection with old main at Clifton street to connection with new main at Liberty avenue.	6"	162						
Beacon street	Waterpost.	2"	52	2"	1				1
Broadway	Gate.			12"	1				
Bromfield road	Hydrant.	6"	14				Mathews	2	
Bromfield road	Blow-off.	6"	10	6"	1				
Central street	Hydrant.	8"	7				Mathews	1	
Cleveland street	Street main; from connection with old main in Cleveland street to gate on east line Harvard street.								
Cleveland street	Waterpost.	6"	195	6"	1				1
Dante terrace	Street main; from main in Craigie street to point 96' west from west line Craigie St.	2"	28	2"	1				
Fairmount avenue	Street main; from connection with main in Fairmount avenue 11' west from Watson street to point 45' west from west line of Watson street.	2"	109	2"	1				
Frederick avenue	Waterpost.	2"	34						
Garfield avenue	Street main; connection with main in Mystic avenue.	2"	26	2"	1				1
Grant street	Street main; from connection with old pipe at Sydney street to connection with main in Mystic avenue completing pipe line in Grant street.	6"	3						
Kent street	Hydrant.	6"	362	6"	1		Mathews	1	
Liberty avenue	Street main; from connection with old main at Hall avenue to connection with new main in Appleton street.	6"	12				Mathews	1	
Mallet street	Street main; from main in Lowden avenue to point 96' east from east line Lowden avenue.	8"	113						
Mardel circle	Street main; from main in Spring street to point 106' west from west line Spring street.	2"	106	2"	1				
Marion street	Street main; from connection with old pipe opposite No. 95 to connection with old pipe opposite No. 65 completing the line.	2"	131	2"	1				
Moreland street	Waterpost.	6"	314				Mathews	1	1
		2"	43	2"	1				
	Carried forward . . .		1,838		11			6	4

LOCATIONS OF NEW MAINS LAID, LENGTH AND SIZE, NUMBER OF GATES, HYDRANTS, ETC., SET IN 1908.—Concluded.

NAME OF STREET.	DESCRIPTION OF WORK.	PIPE LAID.		GATES SET.		HYDRANTS SET.		BLOW-OFFS.		WATERPOSTS.
		Size.	No. Feet.	Size.	No.	Kind.	No.	Size.	No.	
Mystic avenue	Brought forward		1,838		11		6		1	4
Mystic avenue	Street main; from connection with old main at Moreland street to point 9' east from west line Fremont street with 10" pipe; thence to point 125' west from west line Fremont street with 6" pipe.	10"	303	12"	1	Mathews	2	6"	1	
Mystic avenue	Street main; from connection with old main at Temple street to connection with old main at Wheatland street.	6"	198	10"	1	Holyoke				
Mystic avenue	Street main; from connection with main in Garfield avenue to point 6' west from west line New Cross street.	12"	711	6"	1					
Mystic avenue	Hydrant.	12"	214			Mathews	1			
Pearson road	Street main; from connection with old main in Pearson road 7' north from north line house No. 88 to point 37' north from same place.	6"	11			Mathews	1			
Pembroke court	Hydrant.	8"	30							
Pembroke court	Street main; from main in Pembroke street to point 105' south from south line of Pembroke street.	6"	21							
Powder House boulevard (south side)	Street main; from connection with main in Broadway to point 574' northwesterly from northerly line of Broadway.	2"	118	2"	1	Mathews	2			1
Prospect street	Waterpost.	10"	624	10"	1					
Taylor street	Street main; from main in Mystic avenue to point 15' south from south line of Mystic avenue.	6"	4	2"	1	Mathews	1			
Teele avenue	Hydrant.	6"	42	6"	1	Holyoke	2			
Vernon street	Hydrant.	6"	14			Mathews	1			
Waverley street	Hydrant.	6"	7			Mathews	1			
	Total		4,179		18		17		2	5



**New Gates Have Been Set in the Following Locations.**

Beacon street, 2-inch gate, set 4 feet 6 inches out from waterpost located 135 feet east from Washington street.

Broadway, 12-inch gate, set 23 feet north from south line and 6 feet west from west line of College avenue.

Bromfield road, 6-inch gate, set 16 feet out from west line and 9 feet south from south line of house No. 50 Bromfield road; for blow-off.

Cleveland street, 6-inch gate, set 13 feet out from south line, on east line of Harvard street.

Cleveland street, 2-inch gate, set 4 feet out from waterpost located 169 feet east from Harvard street.

Dante terrace, 2-inch gate, set 8 feet 4 inches out from north line, on west line of Craigie street.

Frederick avenue, 2-inch gate, set 4 feet out from waterpost located 66 feet east from Willow avenue.

Grant street, 6-inch gate, set 13 feet 4 inches out from west line, on south line of Mystic avenue.

Mallet street, 2-inch gate, set 13 feet out from south line, on east line of Lowden avenue.

Mardel circle, 2-inch gate, set 3 feet north from south line, and 4 feet out from west line of Spring street.

Moreland street, 2-inch gate, set 4 feet out from waterpost located 28 feet north from Meacham street.

Mystic avenue, 10-inch gate, set 22 feet out from south line, on west line of Moreland street.

Mystic avenue, 12-inch gate, set 22 feet out from south line and 7 feet west from east line of Moreland street.

Mystic avenue, 6-inch gate, set 25 feet out from south line and 20 feet west from east line of Moreland street; for blow-off.

Pembroke court, 2-inch gate, set 10 feet out from east line, on south line of Pembroke street.

Powder House boulevard, 10-inch gate, set 28 feet north from south line of Broadway, and 8 feet west from west line of College avenue.

Prospect street, 2-inch gate, set 4 feet 6 inches out from waterpost located 30 feet north from Somerville avenue.

Taylor street, 6-inch gate, set 13 feet 4 inches out from west line, on south line of Mystic avenue.

**Main Gate Relocation.**

6-inch gate, set 163 feet east from east line of Dane street, and 12 feet north from south line of Somerville avenue, and 6-inch gate removed from 163 feet east from east line of Dane street, and 2 feet south from south line of Somerville avenue.

**GATES—RECAPITULATION.**

GATES.	1¼"	1½"	2"	3"	4"	6"	8"	10"	12"	Total.
Set . . . . .	—	—	9	—	—	5	—	2	2	18
Removed . . . . .	—	—	—	—	—	—	—	—	—	0

Net increase in number of gates in 1908 . . . . . 18  
 Total number of gates in the city December 31, 1908 . 1,422

### **New Hydrants Have Been Set in the Following Locations.**

Bromfield road, 179 feet north from Warner street, 6-inch Mathews.  
 Bromfield road, 567 feet north from Warner street, 6-inch Mathews.  
 Central street, 27 feet north from Vernon street, 6-inch Mathews.  
 Grant street, 99 feet south from Mystic avenue, 6-inch Mathews.  
 Kent street, 7 feet north from Kent court, 6-inch Mathews.  
 Marion street, 177 feet south from Wyatt street, 6-inch Mathews.  
 Mystic avenue, 228 feet west from Melrose street, 6-inch Mathews.  
 Mystic avenue, 6 feet west from Moreland street, 6-inch Mathews.  
 Mystic avenue, 125 feet west from Fremont street, 6-inch Holyoke.  
 Pearson road, 344 feet north from Warner street, 6-inch Mathews.  
 Powder House boulevard, 133 feet northwest from Broadway, 6-inch Mathews.  
 Powder House boulevard, 560 feet northwest from Broadway, 6-inch Mathews.  
 Taylor street, 14 feet south from Mystic avenue, 6-inch Mathews.  
 Teele avenue, 174 feet west from Packard avenue, 6-inch Holyoke.  
 Teele avenue, 201 feet east from Curtis street, 6-inch Holyoke.  
 Vernon street, 48 feet west from Central street, 6-inch Mathews.  
 Waverley street, 171 feet south from Washington street, 6-inch Mathews.

### **Hydrant Renewal Account.**

The following changes have been made in the kind and locations of hydrants:—

Adams street, 6-inch Mathews hydrant, set 11 feet south from Broadway, and 6-inch Holyoke hydrant removed from same location.  
 College avenue, 6-inch Mathews hydrant, set 12 feet north from Winter street, and 6-inch Chapman hydrant removed from same location.  
 Concord avenue, 6-inch Mathews hydrant, set 20 feet east from Wyatt street, and 4-inch Bigelow hydrant removed from same location.  
 Eastman road, 6-inch Mathews hydrant, set 279 feet south from Highland avenue, and 4-inch Boston Machine hydrant removed from same location.  
 Glen street, 6-inch Mathews hydrant, set 147 feet south from Broadway, and 6-inch Holyoke hydrant removed from same location.  
 Highland avenue, 6-inch Mathews hydrant, set 112 feet west from Trull lane, and 6-inch Holyoke hydrant removed from same location.  
 James street, 6-inch Mathews hydrant, set 100 feet north from Pearl street, and 4-inch Boston Machine hydrant removed from same location.  
 Moreland street, 6-inch Chapman hydrant, set 3 feet south from East Albion street, and 6-inch Chapman hydrant removed from 6 feet north from East Albion street.  
 Summer street, 6-inch Mathews hydrant, set 19 feet west from Laurel street, and 4-inch Boston Machine hydrant removed from same location.  
 Summer street, 6-inch Mathews hydrant, set 3 feet east from Belmont street, and 4-inch Boston Machine hydrant removed from same location.  
 Summer street, 6-inch Holyoke hydrant, set 148 feet east from Cutter avenue, and 4-inch Holyoke hydrant removed from same location.  
 Wesley park, 6-inch Mathews hydrant, set 335 feet north from Bow street, and 4-inch Boston Machine hydrant removed from same location.

**Locations of Hydrants.**

Adams street, 11 feet south from Broadway.  
Adams street, 221 feet south from Broadway.  
Adams street, 266 feet north from Medford street.  
Adams street, 10 feet north from Medford street.  
Adrian street, 93 feet east from Marion street.  
Adrian street, 220 feet south from Joseph street.  
Albion street, 396 feet west from Central street.  
Albion street, 15 feet west from Centre street.  
Albion street, 217 feet east from Lowell street.  
Albion street, 7 feet west from house No. 110.  
Albion street, 444 feet east from Cedar street.  
Aldersey street, 276 feet west from Walnut street.  
Allen street, 9 feet north from Charlestown street.  
Allen street, 45 feet west from Somerville avenue.  
Allen street, 323 feet west from Somerville avenue.  
Alpine street, 280 feet east from Cedar street.  
Alpine street, 76 feet west from Princeton street.  
Alpine street, 298 feet west from Lowell street.  
Alston street, 212 feet east from Cross street.  
Alston street, 10 feet west from Shawmut place.  
Ames street, 123 feet west from Central street.  
Appleton street, 3 feet east from Clifton street.  
Appleton street, 41 feet west from Willow avenue.  
Arlington street, 36 feet east from Hathorn street.  
Arthur street, 29 feet south from Broadway.  
Ash avenue, 300 feet north from Meacham street.  
Ashland street, 268 feet south from Summer street.  
Auburn avenue, 239 feet west from Cross street.  
Auburn avenue, 481 feet west from Cross street.  
Austin street, 81 feet south from Mystic avenue.  
Austin street, 66 feet north from Benedict street.  
Austin street, 2 feet north from Broadway.  
Avon street, 233 feet east from Central street.  
Avon street, 572 feet west from School street.  
Avon street, 270 feet west from School street.  
Banks street, 310 feet south from Summer street.  
Bartlett street (Ward 1), 130 feet south from Washington street.  
Bartlett street (Ward 5), 230 feet south from Broadway.  
Bartlett street (Ward 5), 223 feet north from Medford street.  
Bartlett street (Ward 5), 15 feet south from Ames street.  
Bartlett street (Ward 5), 10 feet south from Robinson street.  
Bay State avenue, 39 feet south from Broadway.  
Bay State avenue, 7 feet south from Mallet street.  
Bay State avenue, 92 feet north from Kidder avenue.  
Beacon street, 316 feet west from Greenwood terrace.  
Beacon street, 10 feet east from Stanford terrace.  
Beacon street, 46 feet west from Sacramento street.  
Beacon street, south side Beacon street, 40 feet east from Sacramento street.  
Beacon street, south side Beacon street, 2 feet west from Beckwith circle.  
Beacon street, 15 feet west from Kent street.  
Beacon street, 4 feet west from Ivaloo street.  
Beacon street, 68 feet east from Park street.  
Beacon street, 18 feet east from Durham street.  
Beacon street, 26 feet east from Washington street.  
Beacon street, 90 feet east from Calvin street.  
Beacon street, 194 feet east from Calvin street.  
Beacon street, 28 feet west from Buckingham street.  
Beacon street, 208 feet east from Buckingham street.  
Beacon street, 6 feet east from Concord avenue.



Beech street, 4 feet south from Atherton street.  
Beech street, 31 feet east from Spring street.  
Belmont street, 206 feet north from Spring Hill terrace.  
Belmont street, 241 feet north from Summer street.  
Belmont street, 243 feet south from Summer street.  
Belmont street, 10 feet north from Belmont place.  
Belmont street, 222 feet south from Belmont place.  
Belmont street, 185 feet north from Somerville avenue.  
Benedict street, 33 feet east from Mystic street.  
Bennett street, 166 feet east from Prospect street.  
Benton road, 2 feet north from Cambria street.  
Benton road, 28 feet south from Highland avenue.  
Berkeley street, 8 feet east from Central street.  
Berkeley street, 150 feet east from Hersey street.  
Berkeley street, 28 feet west from School street.  
Berkeley street, 212 feet west from Hersey street.  
Billingham street, 126 feet north from William street.  
Bolton street, 203 feet north from Houghton street.  
Bolton street, 3 feet south from Oak street.  
Bonair street, 26 feet west from Cross street.  
Bonair street, 90 feet east from Autumn street.  
Bonair street, 121 feet east from Arthur street.  
Bonair street, 67 feet east from Dana street.  
Bonair street, opposite Melvin street.  
Bonair street, 117 feet east from Walnut street.  
Bond street, 63 feet south from Jaques street.  
Bonner avenue, 171 feet north from Washington street.  
Boston avenue, 110 feet south from bridge over Mystic river.  
Boston avenue, 492 feet north from Gove street.  
Boston avenue, 65 feet north from Highland road.  
Boston avenue, 23 feet east from Pearson avenue.  
Boston street, 11 feet west from Prospect Hill avenue.  
Boston street, 207 feet west from Bigelow street.  
Boston street, 87 feet east from Bigelow street.  
Boston street, 6 feet north from Munroe street.  
Bow street, 102 feet north from Warren avenue.  
Bow street, 23 feet west from Wesley park.  
Bow street, 25 feet east from Bow-street place.  
Bow street, 74 feet north from Walnut street.  
Bow-street place, 193 feet west from Bow street.  
Bowdoin street, 65 feet north from Fremont avenue.  
Bradley street, 26 feet south from Veazie street.  
Brastow avenue, 202 feet east from Porter street.  
Brastow avenue, 115 feet west from Lowell street.  
Broadway, 50 feet east from Mt. Pleasant street.  
Broadway, 20 feet west from George street.  
Broadway, 21 feet west from Broadway place.  
Broadway, 83 feet east from Cutter street.  
Broadway, 7 feet east from Glen street.  
Broadway, 21 feet east from Rush street.  
Broadway, 15 feet west from Cross street.  
Broadway, 7 feet west from Autumn street.  
Broadway, 6 feet west from Montgomery avenue.  
Broadway, 33 feet west from Walnut street.  
Broadway, 4 feet east from Sargent avenue.  
Broadway, 3 feet west from Melvin street.  
Broadway, 157 feet west from Grant street.  
Broadway, 117 feet east from Marshall street.  
Broadway, 62 feet west from Marshall street.  
Broadway, 4 feet west from School street.  
Broadway, 10 feet west from Thurston street.



Broadway, 209 feet east from Central street.  
Broadway, 104 feet west from Norwood avenue.  
Broadway, 15 feet west from City road.  
Broadway, 288 feet east from Cedar street.  
Broadway, opposite Cedar street.  
Broadway, 5 feet east from Wilson avenue.  
Broadway, 252 feet west from Wilson avenue.  
Broadway, 115 feet west from Rogers avenue.  
Broadway, 236 feet west from Liberty avenue.  
Broadway, 175 feet west from College avenue.  
Broadway, 6 feet west from Billingham street.  
Broadway, 9 feet west from Packard avenue.  
Broadway, 32 feet east from Westminster street.  
Broadway, 237 feet east from Endicott avenue.  
Broadway, 6 feet west from Endicott avenue.  
Broadway, 9 feet west from Garrison avenue.  
Broadway, 330 feet west from Waterhouse street.  
Broadway park, near the pond.  
Bromfield road, 179 feet north from Warner street.  
Bromfield road, 567 feet north from Warner street.  
Brook street, 18 feet west from Rush street.  
Browning road, 302 feet west from Sycamore street.  
Browning road, 136 feet east from Central street.  
Buckingham street, 2 feet south from Dimick street.  
Burnside avenue, 259 feet north from Elm street.  
Burnside avenue, 120 feet south from Summer street.  
Calvin street, 186 feet south from Beacon street.  
Cambria street, 131 feet west from Central street.  
Cameron avenue, 166 feet south from Holland street.  
Cameron avenue, opposite Mead street.  
Cameron avenue, 26 feet south from Glendale avenue.  
Campbell park, 258 feet west from Meacham road.  
Cedar street, 226 feet south from Sartwell avenue.  
Cedar street, 93 feet north from Sartwell avenue.  
Cedar street, 61 feet north from Hall street.  
Cedar street, 22 feet south from Highland avenue.  
Cedar street, 12 feet north from Highland avenue.  
Cedar street, 10 feet north from Albion street.  
Cedar street, 124 feet south from Warwick street.  
Cedar street, 50 feet north from Clyde street.  
Cedar street, 24 feet south from Murdock street.  
Cedar street, 270 feet south from Broadway.  
Central street, 50 feet south from Broadway.  
Central street, 6 feet north from Forster street.  
Central street, 27 feet north from Vernon street.  
Central street, 5 feet north from Pembroke street.  
Central street, 187 feet south from Vernon street.  
Central street, 9 feet north from Willoughby street.  
Central street, 92 feet north from Highland avenue.  
Central street, 9 feet south from Highland avenue.  
Central street, 6 feet north from Oxford street.  
Central street, 23 feet south from Avon street.  
Central street, 14 feet south from Summer street.  
Chandler street, 16 feet south from Broadway.  
Chandler street, 206 feet north from Park avenue.  
Chapel street, 14 feet east from Chandler street.  
Charles street, 183 feet south from Washington street.  
Charnwood road, 79 feet west from Hancock street.  
Cherry street, 7 feet south from Sartwell avenue.  
Cherry street, 254 feet north from Sartwell avenue.  
Cherry street, 252 feet north from Summer street.

Cherry street, 26 feet south from Highland avenue.  
Chester street, 15 feet north from Chester place.  
Chestnut street, 480 feet south from Poplar street.  
Chestnut street, 246 feet south from Poplar street.  
Church street, 9 feet south from Summer street.  
Church street, 300 feet south from Summer street.  
Church street, 16 feet south from Somerville avenue.  
Church street, 29 feet north from Somerville avenue.  
Church street, 12 feet north from Lake street.  
Claremon street, 255 feet south from Holland street.  
Clarendon avenue, 253 feet south from Broadway.  
Clarendon avenue, opposite house No. 66.  
Clarendon avenue, near Cambridge line.  
Clark street, 200 feet west from Newton street.  
Clark street, 412 feet west from Newton street.  
Cleveland street, 192 feet west from Central street.  
Clyde street, 250 feet east from Cedar street.  
Clyde street, opposite Murdock street.  
College avenue, 12 feet north from Winter street.  
College avenue, 6 feet south from Morrison avenue.  
College avenue, 8 feet south from Hall avenue.  
College avenue, 53 feet west from Francesca avenue.  
College avenue, opposite Kenwood street.  
College avenue, 100 feet west from Broadway.  
College avenue, 405 feet north from Broadway.  
College avenue, 720 feet north from Broadway.  
Columbia street, 3 feet south from Beach avenue.  
Columbia street, 8 feet south from Columbia court.  
Columbus avenue, 7 feet north from Washington street.  
Columbus avenue, 150 feet east from Bonner avenue.  
Columbus avenue, 118 feet west from Bonner avenue.  
Columbus avenue, 35 feet west from Stone avenue.  
Columbus avenue, 8 feet east from Walnut street.  
Concord avenue, 154 feet west from Prospect street.  
Concord avenue, 76 feet east from Concord square.  
Concord avenue, on east line of Knapp school.  
Concord avenue, 313 feet east from Springfield street.  
Concord avenue, 24 feet east from Springfield street.  
Concord avenue, 7 feet east from Marion street.  
Concord avenue, 6 feet south from Hammond street.  
Concord avenue, 20 feet east from Wyatt street.  
Conwell avenue, 20 feet west from Curtis street.  
Conwell avenue, 460 feet west from Curtis street.  
Conwell street, 6 feet south from Highland avenue.  
Conwell street, 3 feet north from Francis street.  
Cooney street, 98 feet north from Line street.  
Cottage avenue, 206 feet west from Russell street.  
Craigie street, 216 feet south from Summer street.  
Craigie street, 232 feet north from Kimball street.  
Craigie street, 77 feet south from Kimball street.  
Craigie street, 126 feet north from Somerville avenue.  
Crescent street, 125 feet south from Pearl street.  
Crocker street, 4 feet south from Highland avenue.  
Crocker street, 8 feet north from Crown street.  
Cross street, 32 feet north from Cross-street place.  
Cross street, 6 feet north from Pearl street.  
Cross street, 62 feet north from Flint street.  
Cross street, 16 feet north from Gilman street.  
Cross street, 13 feet south from Auburn avenue.  
Cross street, 39 feet north from Alston street.  
Curtis avenue, 206 feet west from Curtis street.

Curtis street, 6 feet north from Broadway.  
Curtis street, 3 feet south from Electric avenue.  
Curtis street, 137 feet north from Ware street.  
Curtis street, 3 feet south from Raymond avenue.  
Curtis street, 34 feet south from Professors row.  
Curtis street, 225 feet north from Professors row.  
Cutter avenue, 11 feet south from Highland avenue.  
Cutter square, 95 feet west from Cutter avenue.  
Cutter street, 95 feet south from Broadway.  
Cutter street, 444 feet south from Broadway.  
Dana street, 18 feet north from Pearl street.  
Dane avenue, 162 feet west from Leland street.  
Dane avenue, 169 feet east from Dane street.  
Dane street, 9 feet north from Tyler street.  
Dane street, 260 feet south from Skehan street.  
Dane street, 55 feet north from Skehan street.  
Dartmouth street, 184 feet south from Broadway.  
Dartmouth street, 200 feet north from Evergreen avenue.  
Dartmouth street, 53 feet south from Evergreen avenue.  
Dartmouth street, 171 feet north from Medford street.  
Davis square, 45 feet east from Day street.  
Day street, 10 feet south from Davis square.  
Day street, opposite Herbert street.  
Day street, 195 feet south from Herbert street.  
Day street, 4 feet north from Orchard street.  
Delaware street, 246 feet east from Aldrich street.  
Delaware street, 8 feet south from Pearl street.  
Dell street, 255 feet west from Glen street.  
Derby street, 400 feet east from Temple street.  
Dickinson street, 20 feet east from Beacon street.  
Dickinson street, 7 feet north from Leon street.  
Dover street, 22 feet south from Davis square.  
Dover street, 203 feet south from Davis square.  
Dover street, 312 feet north from Orchard street.  
Dover street, 3 feet north from Orchard street.  
Durham street, opposite Skehan street.  
Durham street, 5 feet west from Hanson street.  
Earle street, 4 feet east from Ward street.  
Eastman place, 279 feet south from Highland avenue.  
Edmunds street, 15 feet south from Broadway.  
Eliot street, 3 feet east from Park street.  
Ellsworth street, 7 feet west from Rush street.  
Elm street, 59 feet west from Craigie street.  
Elm street, 17 feet west from Porter street.  
Elm street, 28 feet east from Linden avenue.  
Elm street, 11 feet east from Mossland street.  
Elm street, 9 feet west from Cedar street.  
Elm street, 153 feet east from Cherry street.  
Elm street, 110 feet west from Cherry street.  
Elm street, 14 feet east from Burnside avenue.  
Elm street, 104 feet east from Willow avenue.  
Elm street, 20 feet east from St. James avenue.  
Elm street, 9 feet west from Elston street.  
Elm street, 90 feet west from Windom street.  
Elm street, 30 feet west from Russell street.  
Elm street, 11 feet west from Grove street.  
Elm street, 82 feet west from Chester street.  
Elmwood street, 9 feet south from Holland street.  
Elmwood street, 300 feet east from Harrison street.  
Elmwood street, 85 feet west from Harrison street.  
Endicott avenue, 422 feet south from Broadway.



Everett avenue, 5 feet west from Cross street.  
Everett avenue, 9 feet east from Dana street.  
Everett avenue, 449 feet west from Cross street.  
Everett street, opposite Emerson street.  
Evergreen avenue, 8 feet east from School street.  
Evergreen avenue, 114 feet east from Sycamore street.  
Fairlee street, 134 feet west from Cherry street.  
Fairmount avenue, 280 feet west from Curtis street.  
Fairmount avenue, opposite Watson street.  
Farm lane, 70 feet north from Sumner street.  
Farm lane, 67 feet south from Roberts street.  
Farragut avenue, 258 feet south from Broadway.  
Farragut avenue, 537 feet south from Broadway.  
Fellsway East, 7 feet north from Broadway.  
Fellsway West, 11 feet north from Broadway.  
Fellsway West, 437 feet south from Mystic avenue.  
Fenwick street, 40 feet north from Broadway.  
Fiske avenue, 120 feet east from Hinckley street.  
Fitchburg street, 395 feet east from Linwood street.  
Flint street, 18 feet east from Flint avenue.  
Flint street, 59 feet east from Cross street.  
Flint street, 30 feet west from Franklin street.  
Florence street, 206 feet south from Perkins street.  
Florence street, 7 feet south from Pearl street.  
Florence street, 453 feet north from Washington street.  
Forster street, opposite Tennyson street.  
Fosket street, 6 feet west from Bay State avenue.  
Francesca avenue, 305 feet east from College avenue.  
Francesca avenue, 7 feet west from Liberty avenue.  
Franklin street, 14 feet north from Arlington street.  
Franklin street, 55 feet north from Perkins street.  
Franklin street, 76 feet south from Webster street.  
Franklin street, 156 feet south from Pearl street.  
Franklin street, 80 feet south from Oliver street.  
Franklin street, 87 feet south from Palmer avenue.  
Franklin street, 29 feet north from Washington street.  
Fremont street, 82 feet north from Main street.  
Fremont street, 343 feet north from Main street.  
Fremont street, opposite Meacham street.  
Fremont street, 287 feet north from Meacham street.  
Fremont street, 25 feet north from East Albion street.  
Fountain avenue, 280 feet west from Glen street.  
Garden court, 357 feet south from Somerville avenue.  
Garfield avenue, 7 feet north from Broadway.  
Garfield avenue, 24 feet south from Mystic avenue.  
Garrison avenue, 235 feet south from Broadway.  
Gibbens street, 202 feet west from Central street.  
Gibbens street, 129 feet west from Benton road.  
Gilman square, opposite Marshall street.  
Gilman street, 103 feet east from Walnut street.  
Gilman street, 143 feet east from Jasper street.  
Gilman street, 8 feet west from Aldrich street.  
Gilman street, 176 feet east from Aldrich street.  
Gilman street, 295 feet west from Cross street.  
Glass-house court, 360 feet west from Water street.  
Glen street, 147 feet south from Broadway.  
Glen street, 8 feet north from Brook street.  
Glen street, 6 feet north from Webster street.  
Glen street, 1 foot north from Flint street.  
Glen street, 11 feet north from Fountain avenue.  
Glendale avenue, 80 feet west from Cameron avenue.  
Glendale avenue, 8 feet east from Yorktown street.



Glenwood road, 224 feet south from Broadway.  
Glenwood road, 16 feet north from Vernon street.  
Glenwood road, 320 feet north from Vernon street.  
Glenwood road, 467 feet north from Vernon street.  
Gorham street, 310 feet south from Holland street.  
Gorham street, 67 feet north from Howard street.  
Grand View avenue, 286 feet east from Vinal avenue.  
Granite street, 178 feet north from Somerville avenue.  
Grant street, 99 feet south from Mystic avenue.  
Grant street, 2 feet north from Derby street.  
Greene street, 295 feet south from Summer street.  
Greenville street, 148 feet north from Boston street.  
Greenville street, 33 feet north from Munroe street.  
Grove street, 163 feet south from Highland avenue.  
Hall avenue, 310 feet east from College avenue.  
Hall avenue, 306 feet west from Liberty avenue.  
Hall avenue, 9 feet west from Liberty avenue.  
Hall street, 269 feet west from Cedar street.  
Hamlet street, 321 feet south from Highland avenue.  
Hammond street, 30 feet west from Dickinson street.  
Hancock street, 258 feet south from Summer street.  
Hanson street, 12 feet south from Village street.  
Hanson street, 9 feet south from Nevada avenue.  
Hanson street, 6 feet south from Skehan street.  
Harrison street, 77 feet east from Kent street.  
Harrison street (Ward 7), 4 feet east from Elmwood street.  
Harvard street, 13 feet north from Beech street.  
Harvard street, 23 feet north from Harvard place.  
Hathorn street, 145 feet south from Broadway.  
Hawkins street, 50 feet north from Lake street.  
Hawthorne street, 8 feet east from Cutter avenue.  
Hawthorne street, 209 feet east from West street.  
Heath street, 3 feet west from Temple street.  
Heath street, 308 feet west from West street.  
Heath street, 100 feet west from Bond street.  
Heath street, 4 feet east from Fenwick street.  
Heath street, 5 feet east from Moreland street.  
Henderson street, 107 feet north from Wilton street.  
Herbert street, 163 feet west from Chester street.  
Highland avenue, 28 feet west from Hamlet street.  
Highland avenue, 5 feet east from Walnut street.  
Highland avenue, 262 feet west from Walnut street.  
Highland avenue, 80 feet east from Vinal avenue.  
Highland avenue, 41 feet west from Putnam street.  
Highland avenue, 75 feet west from Prescott street.  
Highland avenue, 114 feet west from School street.  
Highland avenue, 410 feet west from School street.  
Highland avenue, 112 feet west from Trull lane.  
Highland avenue, 171 feet east from Central street.  
Highland avenue, 214 feet east from Spring Hill terrace.  
Highland avenue, 23 feet west from Spring Hill terrace.  
Highland avenue, 20 feet west from Belmont street.  
Highland avenue, 4 feet east from Tower street.  
Highland avenue, 2 feet east from Porter street.  
Highland avenue, 212 feet east from Cedar street.  
Highland avenue, 63 feet east from Cherry street.  
Highland avenue, 35 feet east from Hancock street.  
Highland avenue, 4 feet west from Hancock street.  
Highland avenue, 44 feet east from Willow avenue.  
Highland avenue, 3 feet west from Willow avenue.  
Highland avenue, 59 feet east from West street.  
Highland avenue, 36 feet west from West street.

Highland avenue, 36 feet east from Grove street.  
Highland avenue, 6 feet west from Grove street.  
Highland avenue, 218 feet west from Grove street.  
Highland avenue, 64 feet east from Davis square.  
Highland road, 264 feet north from Morrison avenue.  
Highland road, 83 feet south from Frederick avenue.  
Highland road, 175 feet north from Frederick avenue.  
Highland road, 221 feet south from Boston avenue.  
Hinckley street, 106 feet south from Broadway.  
Holland street, 39 feet west from Dover street.  
Holland street, 8 feet west from B. & M. R. R. crossing.  
Holland street, 23 feet south from Winter street.  
Holland street, 5 feet east from Jay street.  
Holland street, 3 feet east from Paulina street.  
Holland street, 94 feet east from Claremon street.  
Holyoke road (E.), 167 feet south from Elm street.  
Holyoke road (W.), 185 feet south from Elm street.  
Homer square, 200 feet west from Bonner avenue.  
Houghton street, 82 feet west from Prospect street.  
Houghton street, 3 feet west from Bolton street.  
Houghton street, 10 feet west from Oak street.  
Howard street, 36 feet west from Thorndike street.  
Howe street, 162 feet east from School street.  
Hudson street, 12 feet east from Waldo street.  
Hudson street, opposite Benton road.  
Hudson street, 294 feet east from Lowell street.  
Hudson street, 10 feet west from Lowell street.  
Hudson street, 362 feet west from Lowell street.  
Hudson street, 675 feet west from Lowell street.  
Hudson street, 334 feet east from Cedar street.  
Hudson street, 24 feet east from Cedar street.  
Ibbetson street, 256 feet north from Somerville avenue.  
Ibbetson street, 6 feet south from Kimball street.  
Irving street, 6 feet south from Broadway.  
Irving street, 285 feet south from Broadway.  
Irving street, 542 feet north from Holland street.  
Irving street, 190 feet north from Holland street.  
James street, 100 feet north from Pearl street.  
Jaques street, 10 feet west from Fellsway West.  
Jaques street, 8 feet west from Grant street.  
Jaques street, 360 feet east from Temple street.  
Jaques street, 185 feet west from Temple street.  
Jaques street, 410 feet east from Bond street.  
Jasper street, 5 feet south from Virginia street.  
Jay street, 82 feet north from Howard street.  
Joseph street, 100 feet west from Adrian street.  
Josephine avenue, 397 feet north from Morrison avenue.  
Josephine avenue, 90 feet south from Frederick avenue.  
Josephine avenue, 129 feet north from Frederick avenue.  
Josephine avenue, 425 feet north from Frederick avenue.  
Josephine avenue, 213 feet south from Broadway.  
Joy street, 34 feet south from Washington street.  
Joy street, 502 feet south from Washington street.  
Joy street, 271 feet north from Poplar street.  
Kensington avenue, 6 feet north from Broadway.  
Kent court, 205 feet west from Kent street.  
Kent street, 38 feet south from Somerville avenue.  
Kent street, 7 feet north from Kent court.  
Kidder avenue, 346 feet east from College avenue.  
Kingman road, 282 feet south from Washington street.  
Kingston street, 95 feet west from Thorndike street.  
Knowlton street, opposite Morton street.

Lake street, 220 feet west from Hawkins street.  
Lake street, 4 feet east from Carlton street.  
Laurel street, 50 feet north from Greene street.  
Laurel street, 8 feet north from Park place.  
Lawrence street, 12 feet south from Richardson street.  
Leland street, 14 feet south from Dane avenue.  
Lesley avenue, 57 feet north from Highland avenue.  
Lexington avenue, 244 feet west from Cedar street.  
Lexington avenue, 200 feet east from Hancock street.  
Lexington avenue, 3 feet west from Hancock street.  
Lexington avenue, 4 feet east of Henry avenue.  
Liberty avenue, 3 feet north from Kidder avenue.  
Liberty avenue, 12 feet north from Mallet street.  
Lincoln avenue, 206 feet west from Mt. Vernon street.  
Lincoln parkway, 150 feet west from Joseph street.  
Lincoln parkway, 290 feet east from Wyatt street.  
Lincoln street, 38 feet south from Broadway.  
Lincoln street, 174 feet north from Perkins street.  
Linden avenue, 118 feet south from Gilson terrace.  
Linden avenue, 255 feet south from Olive avenue.  
Linden avenue, 30 feet north from Olive avenue.  
Linden street, 31 feet north from Charlestown street.  
Linden street, 237 feet south from Somerville avenue.  
Line street, 272 feet west from Cooney street.  
Line street, 100 feet west from Smith avenue.  
Linwood street, 385 feet south from Washington street.  
Linwood street, 12 feet north from Linwood terrace.  
Linwood street, 48 feet south from Lamson court.  
Linwood street, 125 feet north from London street.  
Linwood street, 52 feet south from London street.  
Linwood street, 2 feet south from Linwood place.  
London street, 383 feet east from Linwood street.  
Loring street, 276 feet north from Somerville avenue.  
Lovell street, 41 feet south from Electric avenue.  
Lowden avenue, 85 feet south from Broadway.  
Lowden avenue, 8 feet south from Mallet street.  
Lowden avenue, 178 feet north from Kidder avenue.  
Lowden avenue, 27 feet south from Kidder avenue.  
Lowell street, 1 foot north from Fiske avenue.  
Lowell street, 50 feet north from Richardson street.  
Lowell street, 183 feet south from Richardson street.  
Lowell street, 124 feet south from Wilton street.  
Lowell street, opposite Vernon street.  
Lowell street, 3 feet south from Princeton street.  
Lowell street, 163 feet south from Highland avenue.  
Lowell street, 53 feet north from Crown street.  
Lowell street, 351 feet south from Summer street.  
Lowell street, 16 feet north from Kimball street.  
Madison street, 103 feet west from School street.  
Madison street, 467 feet west from School street.  
Main street, junction with Broadway.  
Main street, 112 feet west from Mt. Vernon avenue.  
Main street, 5 feet west from Moreland street.  
Malloy court, 16 feet south from Somerville avenue.  
Mansfield street, 190 feet north from Somerville avenue.  
Mansfield street, 189 feet south from Washington street.  
Maple avenue, 294 feet east from School street.  
Maple street, 7 feet south from Jackson street.  
Maple street, 87 feet north from Poplar street.  
Marion street, 31 feet south from Adrian street.  
Marion street, 74 feet north from Wyatt street.



Marion street, 177 feet south from Wyatt street.  
Marshall street, 80 feet south from Stickney avenue.  
Marshall street, 30 feet north from Stickney avenue.  
Marshall street, opposite Howe street.  
Marshall street, 5 feet north from Evergreen avenue.  
Marshall street, 104 feet south from Mortimer place.  
Marshall street, 109 feet north from Oakland avenue.  
Meacham road, 4 feet north from Orchard street.  
Meacham road, 97 feet north from Kingston street.  
Meacham road, 326 feet east from Lester terrace.  
Meacham street, 14 feet west from Moreland street.  
Mead street, 48 feet east from Claremon street.  
Medford street, 50 feet north from Hennessey court.  
Medford street, 56 feet north from Lowell street.  
Medford street, 14 feet north from Glenwood road.  
Medford street, 16 feet south from Bartlett street.  
Medford street, 6 feet north from Central street.  
Medford street, 19 feet south from Sycamore street.  
Medford street, 15 feet south from Lee street.  
Medford street, 46 feet south from Thurston street.  
Medford street, 5 feet north from School street.  
Medford street, 171 feet north from Marshall street.  
Medford street, 266 feet north from Walnut street.  
Medford street, 3 feet east from Walnut street.  
Medford street, 291 feet south from Walnut street.  
Medford street, 8 feet south from Greenville street.  
Medford street, 13 feet north from Prospect Hill avenue.  
Medford street, 240 feet south from Prospect Hill avenue.  
Medford street, opposite Chester avenue.  
Medford street, 216 feet south from Washington street.  
Medford street, 69 feet north from Jackson street.  
Medford street, 21 feet north from Somerville avenue.  
Medford street, 382 feet south from Somerville avenue.  
Medford street, 220 feet north from Ward street.  
Medford street, 55 feet north from Ward street.  
Medford street, 91 feet south from Ward street.  
Medford street, 46 feet south from South street.  
Medford street, 17 feet south from Warren street.  
Medford street, 220 feet south from Warren street.  
Melrose street, 610 feet north from Mystic avenue.  
Merriam street, 25 feet north from Charlestown street.  
Miller street, 300 feet west from Sacramento street.  
Miner street, 137 feet north from Vernon street.  
Mondamin court, 272 feet west from Ivaloo street.  
Monmouth street, 7 feet west from Central street.  
Monmouth street, 156 feet east from Harvard street.  
Montrose street, 10 feet east from Sycamore street.  
Montrose street, 287 feet east from Sycamore street.  
Montrose street, 259 feet west from School street.  
Moore street, 22 feet south from Holland street.  
Moore street, 335 feet south from Holland street.  
Moore street, 21 feet north from Mead street.  
Moreland street, 345 feet north from Meacham street.  
Moreland street, 3 feet south from East Albion street.  
Morgan street, 125 feet west from Park street.  
Morrison avenue, 124 feet west from Cedar street.  
Morrison avenue, 44 feet east from Pearson avenue.  
Morrison avenue, 124 feet east from Rogers avenue.  
Morrison avenue, 13 feet west from Newberne street.  
Morrison avenue, 183 feet west from Clifton street.  
Morrison avenue, 33 feet west from Grove street.  
Mossland street, 114 feet north from Somerville avenue.



Mt. Pleasant street, 140 feet south from Broadway.  
Mt. Pleasant street, 135 feet north from Perkins street.  
Mt. Vernon avenue, 156 feet north from Heath street.  
Mt. Vernon avenue, 38 feet south from Heath street.  
Mt. Vernon street, 246 feet north from Washington street.  
Mt. Vernon street, 8 feet north from Pearl street.  
Mt. Vernon street, 7 feet south from Perkins street.  
Mt. Vernon street, 11 feet south from Lincoln avenue.  
Mt. Vernon street, 5 feet south from Broadway.  
Munroe street, 203 feet east from Walnut street.  
Munroe street, 6 feet west from Bigelow street.  
Munroe street, 289 feet west from Boston street.  
Murdock street, 204 feet east from Cedar street.  
Murdock street, 610 feet east from Cedar street.  
Museum street, 174 feet west from Beacon street.  
Myrtle street, 218 feet north from Washington street.  
Myrtle street, 460 feet north from Washington street.  
Myrtle street, 74 feet south from Pearl street.  
Myrtle street, 219 feet north from Pearl street.  
Mystic avenue, 90 feet east from Union street.  
Mystic avenue, 3 feet west from Union street.  
Mystic avenue, 438 feet east from Austin street.  
Mystic avenue, 11 feet west from Fellsway West.  
Mystic avenue, 60 feet west from Temple street.  
Mystic avenue, 25 feet east from Melrose street.  
Mystic avenue, 228 feet west from Melrose street.  
Mystic avenue, 800 feet east from Moreland street.  
Mystic avenue, 544 feet east from Moreland street.  
Mystic avenue, 241 feet east from Moreland street.  
Mystic avenue, 6 feet west from Moreland street.  
Mystic avenue, 125 feet west from Fremont street.  
Mystic street (Ward 1), 148 feet north from Benedict street.  
Mystic street (Ward 2), 160 feet south from Washington street.  
Nashua street, 190 feet south from Wilton street.  
Newberne street, 62 feet south from Morrison avenue.  
Newbury street, 15 feet south from Holland street.  
Newbury street, 260 feet south from Holland street.  
Newbury street, 558 feet south from Holland street.  
Newbury street, 777 feet south from Holland street.  
Newbury street, 200 feet north from Cambridge line.  
New Cross street, 114 feet north from Broadway.  
Newton street, 9 feet west from Joseph street.  
Newton street, 9 feet east from Clark street.  
Norfolk street, 27 feet south from Webster avenue.  
Norfolk street, 227 feet south from Webster avenue.  
North street, 18 feet north from Broadway.  
North street, 13 feet north from south line of Russell road.  
North street, 453 feet north from Raymond avenue.  
North street, 190 feet north from city bound No. 17.  
North Union street, 287 feet north from Mystic avenue.  
Oak street, 8 feet west from Prospect street.  
Oak street, 315 feet north from Houghton street.  
Oakland avenue, 109 feet west from Marshall street.  
Oliver street, 191 feet east from Cross street.  
Oliver street, 15 feet east from Glen street.  
Oliver street, 7 feet west from Franklin street.  
Orchard street, 8 feet west from Russell street.  
Orchard street, west corner Milton street.  
Orchard street, 9 feet east from Chester street.  
Ossipee road, 177 feet east from Curtis street.  
Ossipee road, 139 feet west from Packard avenue.

Otis street, 12 feet west from Cross street.  
Otis street, 440 feet west from Cross street.  
Otis street, 9 feet east from Dana street.  
Otis street, 6 feet east from Wigglesworth street.  
Oxford street, 280 feet west from School street.  
Oxford street, 46 feet east from Trull lane.  
Oxford street, 237 feet west from Hersey street.  
Packard avenue, 164 feet south from Electric avenue.  
Packard avenue, 34 feet north from Electric avenue.  
Packard avenue, 35 feet south from Powder House boulevard.  
Park avenue, 83 feet west from College avenue.  
Park avenue, 10 feet west from Chandler street.  
Park street, opposite Allen court.  
Park street, 187 feet north from Beacon street.  
Park street, 69 feet south from Somerville avenue.  
Partridge avenue, 5 feet south from Broadway.  
Partridge avenue, 26 feet north from Medford street.  
Partridge avenue, 117 feet south from Medford street.  
Partridge avenue, 421 feet south from Medford street.  
Partridge avenue, 276 feet north from Vernon street.  
Paulina street, 184 feet north from Holland street.  
Paulina street, 288 feet south from Broadway.  
Paulina street, 5 feet south from Broadway.  
Pearl street, 50 feet west from Crescent street.  
Pearl street, 7 feet north from Pinckney street.  
Pearl street, 29 feet east from Franklin street.  
Pearl street, opposite Hillside avenue.  
Pearl street, 15 feet west from Glen street.  
Pearl street, 90 feet east from Cross street.  
Pearl street, 3 feet east from Pearl terrace.  
Pearl street, 6 feet west from Walnut street.  
Pearl street, 72 feet east from Bradley street.  
Pearl street, 110 feet east from Marshall street.  
Pearson avenue, 309 feet north from Morrison avenue.  
Pearson avenue, 44 feet south from Frederick avenue.  
Pearson avenue, 308 feet north from Frederick avenue.  
Pearson road, 127 feet north from Broadway.  
Pearson road, 344 feet north from Warner street.  
Pembroke street, 14 feet east from Tennyson street.  
Perkins street, opposite Myrtle street.  
Perkins street, 78 feet east from Florence street.  
Perkins street, 24 feet east from Pinckney street.  
Perkins street, 56 feet east from Perkins place.  
Perkins street, 21 feet east from Mt. Pleasant street.  
Perry street, 324 feet south from Washington street.  
Pinckney street, 11 feet north from Washington street.  
Pinckney street, 330 feet south from Pearl street.  
Pinckney street, 71 feet south from Pearl street.  
Pinckney street, 203 feet north from Pearl street.  
Pitman street, 180 feet west from Beech street.  
Pleasant avenue, 256 feet west from Walnut street.  
Poplar street, 21 feet west from Joy street.  
Poplar street, 22 feet east from Linwood street.  
Porter street, 1 foot north from Mountain avenue.  
Porter street, 282 feet south from Summer street.  
Porter street, 24 feet north from Williams court.  
Porter street, 8 feet north from Parker place.  
Powder House boulevard, 133 feet northwest from Broadway.  
Powder House boulevard, 560 feet northwest from Broadway.  
Powder House boulevard, 191 feet west from Packard avenue.  
Powder House boulevard, 172 feet east from Curtis street.

Powder House boulevard, 197 feet west from Curtis street.  
Powder House boulevard, 528 feet west from Curtis street.  
Prescott street, 330 feet south from Highland avenue.  
Prescott street, 586 feet south from Highland avenue.  
Prescott street, 257 feet north from Summer street.  
Preston road, 269 feet west from School street.  
Preston road, 166 feet south from Summer street.  
Pritchard avenue, 255 feet north from Morrison avenue.  
Pritchard avenue, 46 feet north from Frederick avenue.  
Pritchard avenue, 168 feet south from Boston avenue.  
Professors row, 39 feet east from College avenue.  
Professors row, 158 feet west from Boston avenue.  
Professors row, 126 feet west from College avenue.  
Professors row, 291 feet west from College avenue.  
Professors row, 548 feet east from Packard avenue.  
Professors row, 156 feet east from Packard avenue.  
Professors row, 3 feet west from Packard avenue.  
Professors row, 296 feet west from Packard avenue.  
Professors row, 113 feet east from Curtis street.  
Prospect Hill avenue, 10 feet north from Munroe street.  
Prospect street, 135 feet north from Bennett street.  
Prospect street, 35 feet south from Concord avenue.  
Prospect street, 185 feet south from Oak street.  
Prospect street, 403 feet south from Oak street.  
Prospect street, 63 feet north from Houghton street.  
Putnam street, 116 feet south from Highland avenue.  
Putnam street, 420 feet south from Highland avenue.  
Putnam street, 612 feet north from Summer street.  
Putnam street, 308 feet north from Summer street.  
Putnam street, 46 feet north from Summer street.  
Quincy street, 91 feet north from Somerville avenue.  
Quincy street, 381 feet north from Somerville avenue.  
Quincy street, 26 feet south from Summer street.  
Raymond avenue, 728 feet west from Curtis street.  
Richardson street, 11 feet west from Nashua street.  
Richdale avenue, opposite Thurston street.  
Robinson street, 325 feet west from Central street.  
Rogers avenue, 369 feet south from Broadway.  
Rogers avenue, 257 feet north from Frederick avenue.  
Rogers avenue, 88 feet south from Frederick avenue.  
Rogers avenue, 255 feet north from Morrison avenue.  
Rossmore street, 244 feet south from Washington street.  
Rush street, 84 feet south from Pearl street.  
Rush street, 11 feet north from Pearl street.  
Rush street, 128 feet north from Brook street.  
Russell road, 11 feet north from Broadway.  
Russell road, 312 feet north from Broadway.  
Sacramento street, 5 feet south from Miller street.  
Sacramento street, 128 feet south from Beacon street.  
Sanborn avenue, 55 feet east from Walnut street.  
Sargent avenue, 474 feet south from Broadway.  
Sargent avenue, 361 feet west from Walnut street.  
Sargent avenue, 95 feet west from Walnut street.  
School street, 31 feet south from Oakland avenue.  
School street, 100 feet south from Maple avenue.  
School street, 6 feet south from Montrose street.  
School street, 128 feet north from Highland avenue.  
School street, 88 feet north from Oxford street.  
School street, 15 feet north from Avon street.  
School street, 100 feet south from Summer street.  
School street, 93 feet south from Preston road.  
School street, 61 feet north from Knapp street.



Sewall street, 311 feet west from Grant street.  
Shawmut street, 9 feet west from Washington street.  
Shawmut street, 153 feet west from Shawmut place.  
Simpson avenue, 272 feet south from Broadway.  
Simpson avenue, 142 feet north from Holland street.  
Skehan street, 110 feet east from Hanson street.  
Skilton avenue, on east entrance, 173 feet south from south line of Pearl street.  
Somerville avenue, 188 feet west from Mossland street.  
Somerville avenue, 308 feet east from Mossland street.  
Somerville avenue, 600 feet east from Mossland street.  
Somerville avenue, 116 feet west from Elm street.  
Somerville avenue, 9 feet east from Ibbetson street.  
Somerville avenue, 77 feet east from Belmont street.  
Somerville avenue, 14 feet west from Garden court.  
Somerville avenue, 133 feet west from Kent street.  
Somerville avenue, 13 feet west from Beech street.  
Somerville avenue, 11 feet east from Central street.  
Somerville avenue, 2 feet west from Abdell street.  
Somerville avenue, 15 feet west from Laurel street.  
Somerville avenue, 86 feet west from Granite street.  
Somerville avenue, 38 feet west from Sherman street.  
Somerville avenue, 76 feet east from Hawkins street.  
Somerville avenue, 185 feet west from Hawkins street.  
Somerville avenue, 88 feet west from Quincy street.  
Somerville avenue, 105 feet east from Carlton street.  
Somerville avenue, 90 feet west from Prospect street.  
Somerville avenue, 28 feet west from Linden street.  
Somerville avenue, 9 feet east from Mystic street.  
Somerville avenue, 94 feet west from Mansfield street.  
Somerville avenue, 126 feet east from Medford street.  
Somerville avenue, 88 feet east from Poplar street.  
Somerville avenue, 464 feet east from Poplar street.  
Somerville avenue, 153 feet west from Linwood street.  
Somerville avenue, 20 feet east from F. R. R. crossing.  
Somerville avenue, 368 feet west from Franklin court.  
Somerville avenue, 262 feet west from Franklin court.  
Somerville avenue, 23 feet east from Franklin court.  
Somerville avenue, 81 feet south from north line of Squire's box mill.  
Somerville avenue, 100 feet west from Cambridge line.  
South street, 97 feet west from Bedford street.  
South street, 2 feet east from Harding street.  
South street, 25 feet west from Hunting street.  
South street, 80 feet west from Willow place.  
Spencer avenue, 290 feet west from Cedar street.  
Spencer avenue, 63 feet east from Hancock street.  
Spring street, 10 feet south from Pitman street.  
Spring street, 184 feet north from Beech street.  
Spring Hill terrace, 333 feet south from Highland avenue.  
Springfield street, 140 feet south from Concord avenue.  
Springfield street, 21 feet south from Dickinson street.  
Springfield street, 177 feet south from Houghton street.  
Stickney avenue, 212 feet west from Marshall street.  
Stone avenue, 120 feet north from Union square.  
Stone avenue, 275 feet south from Columbus avenue.  
Summer street, 148 feet east from Cutter avenue.  
Summer street, opposite Elston street.  
Summer street, west corner Hancock street.  
Summer street, 34 feet east from Banks street.  
Summer street, 6 feet east from Cherry street.  
Summer street, 6 feet east from Cedar street.  
Summer street, 24 feet east from Linden avenue.



Summer street, opposite Craigie street.  
Summer street, 35 feet east from Porter street.  
Summer street, 4 feet east from Lowell street.  
Summer street, 3 feet east from Belmont street.  
Summer street, 1 foot west from Spring street.  
Summer street, 53 feet west from Harvard street.  
Summer street, 215 feet east from Harvard street.  
Summer street, 59 feet east from Central street.  
Summer street, 19 feet west from Laurel street.  
Summer street, 52 feet west from Preston road.  
Summer street, 191 feet west from School street.  
Summer street, 8 feet east from School street.  
Summit avenue, 231 feet east from Vinal avenue.  
Sunnyside avenue, 99 feet west from Wigglesworth street.  
Sycamore street, 18 feet south from Broadway.  
Sycamore street, 62 feet south from Browning road.  
Sycamore street, 1 foot south from Forster street.  
Sycamore street, 200 feet north from Medford street.  
Sycamore street, 174 feet south from Medford street.  
Sydney street, 418 feet east from Temple street.  
Talbot avenue, 488 feet east from Packard avenue.  
Taylor street, 14 feet south from Mystic avenue.  
Teele avenue, 174 feet west from Packard avenue.  
Teele avenue, 201 feet east from Curtis street.  
Temple street, 4 feet north from Broadway.  
Temple street, 123 feet south from Sewall street.  
Temple street, 11 feet north from Jaques street.  
Temple street, 6 feet south from Derby street.  
Temple street, 5 feet south from Sydney street.  
Tenney court, 306 feet north from Mystic avenue.  
Tennyson street, 4 feet south from Medford street.  
Tennyson street, 117 feet north from Pembroke street.  
Thorndike street, 4 feet south from Holland street.  
Thorndike street, 82 feet north from Kingston street.  
Thorpe place, 269 feet south from Highland avenue.  
Thurston street, 187 feet north from Medford street.  
Thurston street, 160 feet south from Evergreen avenue.  
Thurston street, 6 feet north from Evergreen avenue.  
Thurston street, 348 feet north from Evergreen avenue.  
Tower street, 18 feet north from Crown street.  
Tremont street, 9 feet south from Webster avenue.  
Tremont street, 454 feet south from Webster avenue.  
Trull street, 3 feet south from Medford street.  
Trull street, 276 feet south from Medford street.  
Trull street, 522 feet north from Vernon street.  
Trull street, 270 feet north from Vernon street.  
Tufts street, 51 feet north from Washington street.  
Tufts street, 150 feet south from Glen street.  
Tufts street, 43 feet north from Glen street.  
Tufts street, 53 feet south from Dell street.  
Tufts street, 45 feet south from Cross street.  
Tyler street, 31 feet east from Vine street.  
Union square, 267 feet east from Webster avenue.  
Union square, 15 feet east from Stone avenue.  
Union square, 3 feet west from Bow street.  
Union square, centre of square.  
Union street, 3 feet north from Broadway.  
Union street, 123 feet south from Mystic avenue.  
Veazie street, 1 foot west from James street.  
Vernon street, 72 feet west from Partridge avenue.  
Vernon street, 1 foot east from Bartlett street.

Vernon street, 2 feet east from Miner street.  
Vernon street, 48 feet west from Central street.  
Victoria street, 255 feet south from Broadway.  
Victoria street, 506 feet south from Broadway.  
Victoria street, 151 feet north from Woodstock street.  
Villa avenue, 121 feet south from Winslow avenue.  
Vinal avenue, 6 feet south from Highland avenue.  
Vinal avenue, 10 feet north from Pleasant avenue.  
Vinal avenue, 129 feet north from Aldersey street.  
Vinal avenue, 206 feet north from Summer street.  
Vinal avenue, 15 feet north from Summer street.  
Vine street, 15 feet north from Beacon street.  
Vine street, opposite Eliot street.  
Vine street, 121 feet south from Tyler street.  
Vine street, 32 feet south from Somerville avenue.  
Virginia street, 45 feet west from Aldrich street.  
Waldo street, 6 feet north from Highland avenue.  
Wallace street, 37 feet south from Broadway.  
Wallace street, 395 feet south from Broadway.  
Wallace street, 483 feet north from Park avenue.  
Wallace street, 166 feet north from Park avenue.  
Wallace street, 10 feet north from Holland street.  
Walnut street, 88 feet south from Wellington avenue.  
Walnut street, opposite Veazie street.  
Walnut street, 87 feet north from Gilman street.  
Walnut street, 31 feet north from Pleasant avenue.  
Walnut street, 12 feet south from Boston street.  
Walter street, 28 feet west from Walnut street.  
Walter street, 50 feet west from Bradley street.  
Ward street, 104 feet west from Medford street.  
Ward street, 7 feet east from Emery street.  
Ware street, 258 feet west from Curtis street.  
Ware street, 638 feet west from Curtis street.  
Warner street, 60 feet north from Broadway.  
Warren avenue, 5 feet north from Sanborn avenue.  
Warren avenue, 48 feet north from Bow street.  
Warren avenue, 7 feet south from Columbus avenue.  
Warwick place, 142 feet north from Warwick street.  
Warwick street, 426 feet east from Cedar street.  
Washington street, 69 feet west from Crescent street.  
Washington street, 3 feet west from Waverley street.  
Washington street, west corner Mt. Vernon street.  
Washington street, 3 feet west from Murray street.  
Washington street, 6 feet west from Florence street.  
Washington street, 15 feet west from Myrtle street.  
Washington street, 2 feet east from Bartlett street.  
Washington street, 18 feet east from Franklin avenue.  
Washington street, 160 feet east from Franklin street.  
Washington street, 53 feet west from Franklin street.  
Washington street, 50 feet east from Shawmut street.  
Washington street, 37 feet east from Rossmore street.  
Washington street, 78 feet east from Boston street.  
Washington street, 28 feet west from Mystic street.  
Washington street, 6 feet west from Clark place.  
Washington street, 156 feet west from Bonner avenue.  
Washington street, 6 feet east from Kingman road.  
Washington street, 243 feet east from Parker street.  
Washington street, 50 feet east from Bowdoin street.  
Washington street, 15 feet east from Perry street.  
Washington street, 9 feet east from Leland street.  
Washington street, 112 feet east from Dane street.  
Washington street, 175 feet west from Dane street.

Washington street, 45 feet east from Beacon street.  
Washington street, 62 feet east from Line street.  
Water street, 91 feet north from South street.  
Water street, 254 feet north from South street.  
Water street, 354 feet north from South street.  
Waterhouse street, 24 feet south from Broadway.  
Waterhouse street, 326 feet south from Broadway.  
Waterhouse street, 630 feet south from Broadway.  
Waverley street, 171 feet south from Washington street.  
Webster avenue, 93 feet south from Washington street.  
Webster avenue, 12 feet south from Everett street.  
Webster avenue, 25 feet north from Newton street.  
Webster avenue, 63 feet north from Prospect street.  
Webster avenue, 18 feet south from Prospect street.  
Webster avenue, 78 feet north from Tremont street.  
Webster avenue, 3 feet north from Beach avenue.  
Webster avenue, 1 foot south from Columbia court.  
Webster street, 25 feet east from Cross street.  
Webster street, 9 feet east from Rush street.  
Webster street, opposite Cutter street.  
Wellington avenue, 15 feet west from Montgomery avenue.  
Wesley street, 200 feet north from Pearl street.  
Wesley park, 16 feet north from Bow street.  
Wesley park, 335 feet north from Bow street.  
West street, 2 feet north from Broadway.  
West street (Ward 7), 92 feet south from Highland avenue.  
West street (Ward 7), 140 feet north from Highland avenue.  
Westminster street, 156 feet south from Electric avenue.  
Westwood road, 90 feet west from Central street.  
Westwood road, 58 feet east from Benton road.  
Wheatland street, 129 feet north from Broadway.  
Wheatland street, 9 feet south from Jaques street.  
Wheatland street, 73 feet north from Derby street.  
Wheatland street, 78 feet south from Mystic avenue.  
Whipple street, 101 feet north from Highland avenue.  
Wigglesworth street, 14 feet north from Pearl street.  
William street, 8 feet east from Chandler street.  
Willoughby street, 146 feet west from Sycamore street.  
Willow avenue, 14 feet north from Summer street.  
Willow avenue, 3 feet north from Lexington avenue.  
Willow avenue, 46 feet south from Morrison avenue.  
Willow avenue, 42 feet south from Fosket street.  
Willow avenue, 85 feet south from Frederick avenue.  
Willow avenue, 171 feet north from Frederick avenue.  
Willow avenue, opposite Mallet street.  
Wilton street, 6 feet east from Nashua street.  
Wilton street, 10 feet east from Lawrence street.  
Windom street, 7 feet south from Summer street.  
Windsor road, 86 feet east from Willow avenue.  
Windsor road, 45 feet west from Hancock street.  
Winslow avenue, 145 feet east from College avenue.  
Winslow avenue, 5 feet west from Grove street.  
Winslow avenue, 224 feet east from Grove street.  
Winslow avenue, 8 feet west from Clifton street.  
Winter street, 130 feet east from Holland street.  
Winter-hill circle, 178 feet north from Broadway.  
Woodbine street, 222 feet west from Centre street.  
Wyatt street, 8 feet south from Taunton street.



**List of Private Hydrants Supplied from the City  
of Somerville Mains.**

John P. Squire & Co. . . . .	10
North Packing and Provision Co. . . . .	10
New England Dressed Meat and Wool Co. . . . .	5
Boston & Maine Railroad . . . . .	8
Union Glass Works . . . . .	1
Fresh Pond Ice Co. . . . .	1
American Tube Works . . . . .	2
Middlesex Bleachery . . . . .	3
Boston Elevated Railway Co. . . . .	1
Metropolitan Sewerage Pumping Station . . . . .	1
Middlesex Paper Co. . . . .	2
Derby Desk Co. . . . .	1
M. W. Carr & Co. . . . .	2

**Locations of Waterposts.**

- 1—Albion street, 83 feet west from Centre street.
- 2—Appleton street, 49 feet west from Willow avenue.
- 3—Bartlett street, 26 feet south from Broadway.
- 4—Beacon street, 33 feet north from Concord avenue.
- 5—Beacon street, 135 feet east from Washington street.
- 6—Beacon street, 33 feet west from Vine street.
- 7—Beacon street, 94 feet east from Sacramento street.
- 8—Bolton street, opposite Baxter school.
- 9—Bonair street, 19 feet west from Wigglesworth street.
- 10—Bond street, 14 feet north from Broadway.
- 11—Boston avenue, opposite Highland road.
- 12—Boston street, 107 feet west from Greenville street.
- 13—Broadway, 75 feet west from Winthrop avenue.
- 14—Broadway, 6 feet west from Farm lane.
- 15—Broadway, 6 feet west from Irving street.
- 16—Broadway, 120 feet west from Clarendon avenue.
- 17—Broadway, 20 feet west from North street.
- 18—Cameron avenue, 6 feet north from Glendale avenue.
- 19—Cedar street, 96 feet south from Morrison avenue.
- 20—Cherry street, 161 feet south from Fairlee street.
- 21—Cleveland street, 169 feet east from Harvard street.
- 22—College avenue, opposite Morrison avenue.
- 23—College avenue, 5 feet south from Kenwood street.
- 24—Columbus avenue, 54 feet east from Walnut street.
- 25—Concord avenue, opposite Knapp school.
- 26—Curtis street, 50 feet east from Professors row.
- 27—Dana street, 30 feet east from Pearl street.
- 28—Elm street, 25 feet west from Burnside avenue.
- 29—Flint street, 47 feet east from Cross street.
- 30—Franklin street, 127 feet south from Broadway.
- 31—Frederick avenue, 66 feet east from Willow avenue.
- 32—Gilman street, 63 feet east from Walnut street.
- 33—Grove street, 19 feet south from Highland avenue.
- 34—Highland avenue, 44 feet west from Hamlet street.
- 35—Highland avenue, 50 feet west from Putnam street.
- 36—Highland avenue, 15 feet west from Central street.
- 37—Jaques street, 159 feet west from Grant street.
- 38—Laurel street, 20 feet south from Summer street.
- 39—Liberty avenue, 46 feet south from Broadway.
- 40—Linwood street, 70 feet west from Poplar street.
- 41—Lowell street, opposite Crown street.
- 42—Lowell street, 34 feet north from Highland avenue.



- 43—Lowell street, 102 feet north of Wilton street.  
 44—Medford street, 35 feet east from Ward street.  
 45—Medford street, at Gilman square.  
 46—Medford street, 19 feet east from Glenwood road.  
 47—Montrose street, 204 feet west from School street.  
 48—Moreland street, 28 feet north from Meacham street.  
 49—Mt. Vernon street, 71 feet south from Broadway.  
 50—Mystic avenue, 33 feet west from Union street.  
 51—New Cross street, 64 feet north from Broadway.  
 52—Orchard street, 107 feet west from Dover street.  
 53—Otis street, 127 feet west from Cross street.  
 54—Packard avenue, 55 feet southwest from Powder House boulevard.  
 55—Paulina street, 26 feet east from Holland street.  
 56—Pearl street, 28 feet east from Myrtle street.  
 57—Pleasant avenue, 104 feet west from Walnut street.  
 58—Prospect street, 30 feet north from Somerville avenue.  
 59—Putnam street, 96 feet north from Summer street.  
 60—School street, 116 feet south from Broadway.  
 61—School street, 50 feet north from Berkeley street.  
 62—Shawmut street, 74 feet north from Shawmut place.  
 63—Somerville avenue, 175 feet east from Fitchburg R. R. crossing.  
 64—Somerville avenue, 246 feet east from Poplar street.  
 65—Somerville avenue, 89 feet east from Mystic street.  
 66—Somerville avenue, 119 feet west from School street.  
 67—Somerville avenue, 35 feet east from Central street.  
 68—Somerville avenue, 92 feet west from Kent street.  
 69—Somerville avenue, 120 feet west from Oak square.  
 70—Somerville avenue, 42 feet east from Mossland street.  
 71—Summer street, 14 feet east from Belmont street.  
 72—Summer street, 32 feet east from Cedar street.  
 73—Summer street, 35 feet east from Cutter avenue.  
 74—Sycamore street, 28 feet west from Medford street.  
 75—Temple street, 124 feet south from Heath street.  
 76—Tremont street, 120 feet south from Webster avenue.  
 77—Tufts street, 114 feet east from Cross street.  
 78—Vernon street, 45 feet west from Central street.  
 79—Washington street, 96 feet west from Myrtle street.  
 80—Washington street, 7 feet west from Boston street.  
 81—Washington street, 34 feet west from Union square.  
 82—Washington street, opposite Leland street.  
 83—Wheatland street, 30 feet south from Mystic avenue.

#### Locations of Drinking Fountains.

Belmont park . . . . .	D
Broadway, opposite park, near Winthrop avenue .	H
Union square, junction Somerville avenue and Washington street . . . . .	H
Union square, in front of Hill building . . . . .	D I
Lincoln park . . . . .	D
Gilman square . . . . .	D I
Cutter square . . . . .	C
Davis square, in front of Medina building . . . . .	D I
Teele square . . . . .	H

H, horse trough; D, drinking fountain; I, ice water; C, combination trough and drinking fountain.

**Summary of Statistics**

FOR THE YEAR ENDING DECEMBER 31, 1908.

In form recommended by the New England Water Works Association.

**SOMERVILLE WATER WORKS.**

SOMERVILLE, MIDDLESEX COUNTY, MASS.

**GENERAL STATISTICS.**

Population by census of 1905, 69,272.

Date of construction: commenced in 1868.

By whom owned: City of Somerville.

Source of supply: Metropolitan water system.

Mode of supply: water is delivered into the city's mains, under both high and low pressures, by the Metropolitan Water Works.

**STATISTICS OF CONSUMPTION OF WATER.**

1. Estimated total population at date, 74,000.
2. Estimated population on lines of pipe, 74,000.
3. Estimated population supplied, 74,000.
4. Total consumption for the year, 2,411,647,200 gallons.
7. Average daily consumption, 6,589,200 gallons.
8. Gallons per day to each inhabitant, 89.

**STATISTICS RELATING TO DISTRIBUTION SYSTEM.****MAINS.**

1. Kind of pipe, cast-iron.
2. Sizes, from 4-inch to 20-inch.
3. Extended 4,179 feet during year.
5. Total now in use, 92.92 miles.
7. Number of leaks per mile, 0.15.
9. Number of hydrants added during year (public and private), 13.
10. Number of hydrants (public and private) now in use, 1,085.
11. Number of stop gates added during year, 18.
12. Number of stop gates now in use, 1,422.
14. Number of blow-offs, 133.
15. Range of pressure on mains, 35 pounds to 100 pounds.

**SERVICES.**

16. Kind of pipe: Lead; wrought iron—lead-lined; wrought iron—cement-lined; cast iron.
17. Sizes, one-half to six inches.
18. Extended 6,395 feet.
20. Total now in use, 76.5 miles.
21. Number of service taps added during the year, 169.
22. Number now in use, 11,817.
24. Average cost of service for the year, \$20.92.
25. Number of meters added, 936; discontinued, 57.
26. Number now in use, 4,325.
27. Percentage of services metered, 36.6.
28. Percentage of receipts from metered water, 46.62.
29. Number of motors and elevators added, 0.
30. Number now in use, 8 (included in number of meters).

## WATER DEPARTMENT.

## FINANCIAL STATISTICS.

## RECEIPTS.

## From Water Rates:—

<i>A.</i> Fixture rates . . . .	\$119,132 95
<i>B.</i> Meter rates . . . .	104,064 72

*C.* Total from consumers . . . . \$223,197 67

*M.* From other sources:—

Balance from water account of 1907 . . . .	1 90
Water service assessments . . . .	3,122 77
Waterpost construction . . . .	324 60
Labor and materials . . . .	3,607 78

## EXPENDITURES.

## Water Works Maintenance:—

<i>AA.</i> Operation (management and repairs) . . . .	\$30,537 05
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*BB.* Special:—  
Miscellaneous accounts . . . . 3,607 78

<i>CC.</i> Total maintenance . . . .	\$34,144 83
<i>DD.</i> Interest on bonds . . . .	2,720 00
<i>EE.</i> Payment of bonds . . . .	7,000 00

## Water Works Construction:—

<i>GG.</i> Mains . . . .	\$6,088 76
<i>HH.</i> Services . . . .	3,535 35
<i>II.</i> Waterposts . . . .	324 60
<i>JJ.</i> Meters . . . .	6,949 48

<i>KK.</i> Total construction . . . .	\$16,898 19
<i>LL.</i> Unclassified expenses:— Metropolitan water assessment . . . .	108,691 08

*MM.* Balance:—  
(*aa*) Ordinary . . . . 60,800 62

Total balance . . . . \$60,800 62

<i>N.</i> Total . . . .	\$230,254 72	<i>N.</i> Total . . . .	\$230,254 72
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Disposition of balance: applied to other municipal purposes.

<i>O.</i> Cost of works to date . . . .	\$908,636 18
<i>P.</i> Bonded debt at date . . . .	62,000 00
<i>R.</i> Average rate of interest, 4 per cent.	

## REPORT OF CHIEF ENGINEER OF FIRE DEPARTMENT.

OFFICE OF CHIEF OF FIRE DEPARTMENT, }  
Somerville, Mass., December 31, 1908. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I herewith present to you the annual report of the fire department for the year ending December 31, 1908:—

### Fire Alarms.

Number of bell alarms . . . . .	226
Number of still alarms . . . . .	181
Total alarms . . . . .	407
Number less than 1907 . . . . .	4
Value of buildings at risk . . . . .	\$331,500 00
Damage to buildings . . . . .	32,134 74
Insurance on buildings . . . . .	257,151 00
Value of contents . . . . .	223,270 00
Damage to contents . . . . .	32,707 85
Insurance on contents . . . . .	154,114 00
Total value of risks . . . . .	554,770 00
Total damage . . . . .	64,842 59
Total insurance . . . . .	411,265 00

### Manual Force.

The manual force of the department consists of 111 men, divided into companies as follows:—

	Permanent Men.	Callmen.
Chief engineer . . . . .	1	
Assistant engineer . . . . .	1	
Engine Company No. 1 . . . . .	8	6
Engine Company No. 2 . . . . .	5	9
Engine Company No. 4 . . . . .	5	8
Engine Company No. 6 . . . . .	6	2
Hose and Chemical Company No. 7 . . . . .	3	5
Hose Company No. 2 . . . . .	2	6
Hose Company No. 3 . . . . .	3	6
Hose Company No. 5 . . . . .	2	5
Ladder and Chemical Company No. 1 . . . . .	3	10
Ladder Company No. 2 . . . . .	2	10
Chemical A . . . . .	3	
Total number of men . . . . .	44	67

### Apparatus in Service.

Steam fire engines . . . . .	4
Chemical engine . . . . .	1
Combination chemical and hose wagons . . . . .	3
Ladder trucks . . . . .	2
Ladder truck with chemical tank . . . . .	1
Hose wagons . . . . .	5



**Apparatus in Reserve.**

Steam fire engine . . . . .	1
Combination chemical and hose wagon . . . . .	1
Ladder truck . . . . .	1

**Horses.**

There are forty-two horses owned and maintained by the department.

**Recommendations.**

I recommend that a fire engine of large pumping capacity be placed in the Union-square fire station. This section of the city is where most of the large manufacturing buildings are located, and an engine of this kind is necessary (with those we now have) to conquer fire.

I also recommend that a fire station be erected on land owned by the city on the corner of Broadway and City road.

I further recommend that Chapter 191 of the Acts and Resolves of the year 1905, a copy of which is herewith submitted, be accepted by the board of aldermen and approved by his honor, the mayor.

**An Act to Authorize Cities and Towns to Establish Municipal Building Insurance Funds.**

Be it enacted, etc., as follows:—

Section 1. Any city or town which accepts the provisions of this act may establish and maintain a municipal building insurance fund, from which any municipal buildings or other property damaged or destroyed by fire, lightning or otherwise, may be repaired, rebuilt or replaced by other buildings or property to be used in lieu thereof.

Section 2. Any such city or town may raise money for the purposes of this act, not exceeding in amount in any one year one-twentieth of one per cent. of its assessed valuation; but no money shall be raised for such purpose while the amount of the fund equals or exceeds one per cent. of such valuation.

Section 3. The fund established under this act by any city or town shall be managed and administered as provided in section fifteen of chapter twenty-seven of the Revised Laws, by the sinking fund commissioners thereof, if such there be, or by any municipal board of commissioners or trustees having charge of its trust or sinking funds; and if in any such city or town such commissioners or trustees have not been established sinking fund commissioners shall be elected in the manner provided in section fourteen of chapter twenty-seven of the Revised Laws.

Section 4. This act may be accepted by any city by a concurrent vote of both branches of the city council, and by any town by a majority of the voters present and voting thereon at a meeting duly called for that purpose.

Section 5. This act shall take effect upon its passage.

Approved March 17, 1905.

Chapter 191, Acts and Resolves for 1905.

It seems to be an excellent proposition. The public buildings of the city are valued at upwards of over \$2,000,000, and there is no insurance on any of them. Cities frequently have

destructive fires in their public buildings, and Somerville may have one some day, as fires are seldom charitable.

I again earnestly recommend that the city government prohibit the use of shingles to cover the roofs of buildings. There is nothing that contributes so much to create a conflagration as shingle roofs. Every thoughtful citizen must know that shingle roofs are a menace to the safety of the city. When there is a fire and the roofs are dry, the sparks from the first fire are carried a long distance and fall on other roofs, igniting them; then fires become so numerous that they develop a conflagration before the fire apparatus can reach them.

### Bell Alarms and Causes Thereof.

Accidental . . . . .	2
Automobile . . . . .	3
Burning insulation off wires . . . . .	2
Bonfires . . . . .	2
Boiling over of tar . . . . .	2
Boiling over of fat . . . . .	2
Broken gas pipe . . . . .	3
Baker's oven . . . . .	1
Connection about motor . . . . .	2
Children playing with matches . . . . .	15
Chimney fires . . . . .	10
Combustion . . . . .	13
Cleaning clothes with naphtha . . . . .	2
Curtains in contact with gas light . . . . .	4
Candle upset in bed . . . . .	1
Child playing with gas light . . . . .	2
Defective chimney . . . . .	5
Dog upset lamp . . . . .	1
Explosion of stove front . . . . .	1
Fire crackers on roof . . . . .	5
Fire on dump . . . . .	2
Fire in Medford . . . . .	2
Fire in Cambridge . . . . .	2
Filling alcohol lamp . . . . .	1
False alarms . . . . .	27
Grass fires . . . . .	5
Gas from furnace . . . . .	1
Hot ashes on floor . . . . .	2
Hot ashes in barrel . . . . .	5
Incendiary . . . . .	12
Kerosene lamp upset . . . . .	17
Kerosene oil heater . . . . .	2
Lighting matches going to closet . . . . .	3
Leaking gas tubes . . . . .	3
Overheated oil stove . . . . .	4
Overheated coal stove . . . . .	2
Rubbish in cellar . . . . .	3
Rats and matches . . . . .	7
Rags used for wiping stoves . . . . .	3
Stepping on snap match . . . . .	6
Smoke from stove . . . . .	2
Smoke from chimney . . . . .	5
Spark in charcoal . . . . .	1

Carried forward . . . . . 195

Brought forward . . . . .	195
Spark from blacksmith's forge . . . . .	1
Spark on roof from chimney . . . . .	5
Spark from tobacco pipe . . . . .	10
Spark from fire under boiler . . . . .	2
Steam mistaken for fire . . . . .	1
Thawing out water pipe . . . . .	4
Unknown . . . . .	6
Upsetting candle on bale oakum . . . . .	1
Wood on furnace to dry . . . . .	1
Total . . . . .	<hr/> 226

## Service of Companies in Fire Department, Year 1908.

	Engine 1.	Engine 2.	Engine 4.	Engine 6.	Hose 2.	Hose 3.	Hose 5	Hose and Chemical 7.	Chemical A.	Hook and Ladder 1.	Hook and Ladder 2.	Totals.
Bell alarms responded to . . .	171	92	59	53	85	138	115	77	161	150	87	1,188
Still alarms responded to . . .	21	30	8	25	18	7	29	7	39	8	2	194
Miles traveled . . .	372	167	89	113	304	186	229	144	291	189	160	2,244
Feet of hose used . . .	13,950	6,050	6,050	4,300	5,100	7,800	10,250	6,250	1,000	. .	. .	60,750
Feet of chemical hose used . . .	. .	. .	. .	100	. .	1,000	. .	9,000	19,200	14,350	. .	43,650
Feet of ladders used . . .	. .	14	70	. .	160	35	135	. .	183	2,378	1,901	4,876
Chemical extinguishers used . . .	10	17	16	. .	15	24	33	4	69	11	. .	199
Gallons of chemical water used . . .	. .	. .	. .	68	. .	175	. .	1,037	3,450	1,350	. .	6,080
Times on duty at other stations . . .	. .	. .	. .	4	. .	1	1	3	1	. .	. .	10



**Roster of Department.**

James R. Hopkins	.	.	.	Chief Engineer	.	.	.	27 Summit ave.
Edward W. Ring	.	.	.	Assistant Engineer	.	.	.	Medford st.

**ENGINE COMPANY NO. 1.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Wilfred Young,	Aug. 7, 1874,	Captain,	Fireman,	96 Highland ave.
Frank Langer,	July 4, 1854,	Lieutenant,	Woodworker,	110 Bartlett st.
Lyle Sterling,	Feb. 28, 1867,	Hoseman,	Fireman,	14 Knapp st.
Percival L. Lowell,	July 1, 1877,	Engineman,	Fireman,	105 Walnut st.
Peter J. Kelley,	Mar. 29, 1879,	Driver,	Fireman,	24 Fountain ave
Fred L. Jensen,	July 2, 1872,	Asst. Engineman,	Fireman,	267 Highl'd ave.
Charles Spike,	Feb. 8, 1875,	Hoseman,	Fireman,	29 Grant st.
James F. Ward,	Feb. 26, 1879,	Driver,	Fireman,	Hillside park.
Oscar J. Lingley,	April 5, 1860,	Hoseman,	Milk Business,	65 Avon st.
Fred S. Young,	Feb. 1, 1867,	Hoseman,	Water Dept.,	47 Oxford st.
Sewall M. Rich,	Nov. 6, 1866,	Hoseman,	Merchant,	331 Medford st.
Joseph W. Mess,	Sept. 25, 1863,	Hoseman,	Merchant,	19 Chester ave.
Everett W. Bray,	Feb. 17, 1872,	Hoseman,	Provision Clerk,	11 Alston st.
William A. Smith	Feb. 24, 1881,	Hoseman,	Coal Business,	23 Hamlet st.

**ENGINE COMPANY NO. 2.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Benjamin H. Pond,	Oct. 25, 1867,	Captain,	Fireman,	Columbus ave.
Lewis E. Seymour,	March 25, 1873,	{ Lieutenant, { Driver,	Fireman,	16 New Cross st.
Clarence V. Cook,	Oct. 1, 1858,	Engineman,	Fireman,	Maple st.
Walter H. Young,	Dec. 25, 1869,	Asst. Engineman,	Fireman,	Fountain ave.
Thomas L. Deegan,	Oct. 15, 1876,	Driver,	Fireman,	Mansfield st.
Robert Geaton,	Feb. 22, 1861,	Hoseman,	Painter,	Tennyson st.
Cornelius A. Doherty,	April 30, 1873,	Hoseman,	Milk Dealer,	Cross st.
Edward W. Burgess,	Aug. 3, 1859,	Hoseman,	Produce,	Otis st.
Fred W. Kimball,	Aug. 11, 1866,	Hoseman,	Woodworker,	Everett ave.
Charles T. Garland,	Nov. 15, 1871,	Hoseman,	Coal Dealer,	Pearl st.
Robert F. Garland,	June 23, 1866,	Hoseman,	Laundry,	Cross st.
David L. Stevens,	March 17, 1873,	Hoseman,	Blacksmith,	B'dw'y, cor. Cross
J. Edgar Thompson,	Sept. 1, 1869,	Hoseman,	Clerk,	Broadway.
George F. Patten,	July 25, 1885,	Hoseman,	Coal Dealer,	Broadway.

**ENGINE COMPANY NO. 4.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
John Gillooly,	June 9, 1856,	Captain,	Fireman,	Winslow ave.
Danforth S. Steele,	Sept. 9, 1850,	Lieutenant,	Foreman,	Leslie pl.
Lindorf D. Bixby,	Jan. 31, 1841,	Engineman,	Fireman,	Highland ave.
Charles F. Hathaway,	Feb. 11, 1876,	Asst. Engineman,	Fireman,	Grove st.
Robert W. Jesson,	May 10, 1873,	Driver,	Fireman,	Summer st.
John F. McKenzie,	Sept. 1, 1881,	Driver,	Fireman,	Poplar st.
John F. Berton,	Feb. 14, 1857,	Hoseman,	Painter,	Morrison ave.
James I. King,	March 30, 1865,	Hoseman,	Painter,	Elm ct.
Eugene H. Jones,	June 17, 1864,	Hoseman,	Lineman,	Morrison ave.
John B. Rufer,	March 16, 1864,	Hoseman,	Blacksmith,	Chandler st.
George H. Keay,	Sept. 23, 1868,	Hoseman,	Fish Dealer,	Ellington road.
Chauncey L. Field,	Nov. 5, 1871,	Hoseman,	Laundry,	Hawthorne st.
Charles F. Mills,	Aug. 26, 1876,	Hoseman,	Carpenter,	Alpine st.

**ENGINE COMPANY NO. 6.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Joseph A. Cribby,	Aug. 22, 1864,	Captain,	Fireman,	Newbury st.
Arthur M. Gilman,	Aug. 19, 1866,	Lieutenant,	Fireman,	College ave.
Walter H. Young,	Dec. 25, 1869,	Engineman,	Fireman,	Fountain ave.
George H. Crosby,	Sept. 14, 1881,	Asst. Engineman,	Fireman,	Holland st.
George R. Dale,	Jan. 22, 1871,	Driver,	Fireman,	Newbury st.
Elmer C. Shiere,	Apr. 29, 1878,	Driver,	Fireman,	Newbury st.
Homer A. White,	July 27, 1865,	Hoseman,	Undertaker's Ass't,	Newbury st.
William Stern,	Sept. 19, 1873,	Hoseman,	Paperhanger,	Newbury st.

**HOSE COMPANY NO. 2.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Francis W. Ring,	Aug. 7, 1854,	Captain,	Fireman,	Wheatland st.
Charles H. Timson,	May 27, 1859,	Lieutenant,	Fireman,	Marshall st.
Daniel R. Spike,	March 24, 1844,	Hoseman,	Cooper,	Marshall st.
Frederick E. Cushing,	Dec. 20, 1845,	Hoseman,	Painter,	Marshall st.
Benjamin Marble,	May 1, 1871,	Hoseman,	Restaurant,	Sargent ave.
J. Walter Holmes,	Sept. 8, 1875,	Hoseman,	Victualler,	Temple st.
Charles P. Fowler,	May 24, 1879,	Hoseman,	Clerk,	Hamlet st.
Fred E. Knowles,	Jan. 27, 1879,	Hoseman,	Milkman,	Melvin st.

**HOSE COMPANY NO. 3.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Henry J. Turner,	Feb. 24, 1865,	Captain,	Fireman,	Somerville ave.
Alfred R. Higgins,	Feb. 25, 1849,	Lieutenant,	Laborer,	Prospect st.
Joseph F. Green,	Aug. 9, 1878,	Driver,	Fireman,	Somerville ave.
Charles M. Davis,	Dec. 5, 1878,	Operator,	Fireman,	Washington st.
Thomas W. Joy,	Feb. 22, 1856,	Hoseman,	Cooper,	Somerville ave.
Edward A. Parker,	Oct. 29, 1851,	Hoseman,	Laborer,	Prescott st.
Walter J. Green,	Oct. 25, 1868,	Hoseman,	Florist,	Somerville ave.
Edward J. McNamara,	Oct. 5, 1875,	Hoseman,	Machinist,	Washington st.
William L. Larsen,	Aug. 23, 1885,	Hoseman,	Roofor,	Tufts st.

**HOSE COMPANY NO. 5.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Edwin F. Trefren,	March 28, 1858,	Captain,	Fireman,	24 Lowell st.
Harry F. Bucknam,	Sept. 21, 1872,	Lieutenant,	Fireman,	Highland ave.
William J. Blaisdell,	May 16, 1846,	Hoseman,	Painter,	Summer st.
Martin E. Driscoll,	Dec. 21, 1872,	Hoseman,	Patrol Driver,	Miller st.
Horace L. Dunklee,	Dec. 12, 1854,	Hoseman,	Fireman,	51 Som 'rvilleav
Albert F. McGrath,	July 14, 1877,	Hoseman,	Butcher,	Elm place.
Adam H. Gibby,	Sept. 2, 1874,	Hoseman,	Electrician,	Summer st.

**HOSE AND CHEMICAL COMPANY NO. 7.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
George W. Bridges,	March 22, 1876,	Lieutenant,	Fireman,	16 Newbury st.
Arthur C. Sellon,	July 16, 1863,	Driver,	Fireman,	104 Hancock st.
Albert B. McLaughlin,	Sept. 8, 1883,	Hoseman,	Fireman,	21 Belmont st.
Harry G. White,	June 14, 1870,	Hoseman,	Electrician,	145 Hudson st.
Charles W. Hughes,	March 26, 1876,	Hoseman,	Painter,	150 Cross st.
Alfred M. Pride,	Apr. 6, 1869,	Hoseman,	Carpenter,	145 Hudson st.
William H. Butler,	Sept. 5, 1877,	Hoseman,	Real Estate,	162 Lowell st.
Benjamin F. Johnson,	Nov. 20, 1864,	Hoseman,	R. R. Yardman,	111 Cedar st.

**CHEMICAL A.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
John T. Coneeny,	Nov. 2, 1876,	Lieutenant,	Fireman,	Broadway
Frank R. Rametti,	Dec. 26, 1873,	Operator,	Fireman,	Washington st.
William F. Wade,	Sept. 1, 1884,	Driver,	Fireman,	Highland ave.

**HOOK AND LADDER COMPANY NO. 1.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Frank L. Draper	July 31, 1852,	Lieutenant,	Fireman,	Highland road
Herbert L. Webber,	Nov. 9, 1869,	Driver,	Fireman,	Columbus ave.
Charles M. Craig,	Nov. 4, 1878,	Driver,	Fireman,	Highland ave.
William McLane,	Jan. 7, 1860,	Ladderman,	Engineer,	Clark st.
Patrick J. Follon,	Mar. 3, 1859,	Ladderman,	Laborer,	School st.
Frank H. Eaton,	Feb. 1, 1855,	Ladderman,	Clerk,	Prospect st. pl.
James D. Perkins,	Nov. 25, 1858,	Ladderman,	Paperhanger,	Bow st. pl.
John H. Foy,	May 6, 1867,	Ladderman,	Painter,	Somerville ave.
George A. Row,	Jan. 9, 1867,	Ladderman,	Teamster,	Somerville ave.
Israel Y. Hall,	Jan. 24, 1878,	Ladderman,	Laborer,	Homer sq.
George A. Copithorne,	Nov. 14, 1880,	Ladderman,	Clerk,	School st.
Joseph G. Haney,	Nov. 4, 1883,	Ladderman,	Teamster,	Fountain ave.
Charles G. J. McNamara,	Aug. 29, 1881,	Ladderman,	Blacksmith,	Washington st.

**HOOK AND LADDER COMPANY NO. 2.**

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Horace W. Hutchins,	Aug. 26, 1866,	Captain,	Fireman,	Hancock st.
Charles E. Shaw,	Oct. 13, 1857,	Lieutenant,	Paperhanger,	Eastman rd.
George F. Bixby,	March 27, 1869,	Driver,	Fireman,	Henry ave.
John E. Hill,	Dec. 25, 1845,	Ladderman,	Clerk,	Cherry st.
Clarence T. Conant,	Dec. 10, 1868,	Ladderman,	Milkman,	Hudson st.
LeBaron Emery,	May 11, 1859,	Ladderman,	Painter,	Alpine st.
John H. Givan,	June 9, 1865,	Ladderman,	Grocer,	Highland ave.
Joseph E. Emery,	Aug. 2, 1870,	Ladderman,	Painter,	Hudson st.
David B. Nixon,	March 4, 1869,	Ladderman,	Painter,	Hudson st.
James A. Butler,	Oct. 29, 1881,	Ladderman,	Clerk,	Lowell st.
George A. Givan,	Oct. 8, 1863,	Ladderman,	Clerk,	Eastman rd.
Walter H. Thomas,	Nov. 12, 1850,	Ladderman,	Janitor,	Highl

Respectfully submitted,

JAMES R. HOPKINS,  
Chief Engineer, Fire Department.

## REPORT OF THE CHIEF OF POLICE.

OFFICE OF THE CHIEF OF POLICE, }  
City of Somerville, January 1, 1909. }

To the Honorable, the Mayor, and Board of Aldermen of the  
City of Somerville:—

Gentlemen,—I respectfully submit a report of the doings  
of the police department for the year ending December 31,  
1908:—

### Arrests.

Whole number of arrests made . . . . .	1,838
On warrant . . . . .	1,406
On summons . . . . .	432
	1,838
Males . . . . .	1,723
Females . . . . .	115
	1,838
Americans . . . . .	1,046
Foreign born . . . . .	792
	1,838
Residents . . . . .	1,159
Non-residents . . . . .	679
	1,838
Juvenile offenders . . . . .	250
Arrested for officers of other places . . . . .	41

### Arrests for Crime Against the Person.

Assault and battery . . . . .	180
Assault felonious . . . . .	4
Mayhem . . . . .	1
Murder . . . . .	7
Robbery . . . . .	2
Threats . . . . .	13
	207

### Crimes Against Property.

Arson . . . . .	1
Breaking and entering . . . . .	74
Buying leased property . . . . .	1
Fraud . . . . .	3
Evading railroad fare . . . . .	1
Larceny . . . . .	123
Malicious mischief . . . . .	47
Receiving stolen goods . . . . .	5
Trespass . . . . .	45
	300



**Crimes Against Public Order.**

Assuming to be an officer . . . . .	1	
Attempt to rescue prisoner . . . . .	1	
Bastardy . . . . .	6	
Carrying concealed weapons . . . . .	3	
Contempt of court . . . . .	3	
Cruelty to animals . . . . .	7	
Disturbing the peace . . . . .	28	
Drunkenness . . . . .	886	
Keeping disorderly house . . . . .	1	
Keeping unlicensed dog . . . . .	1	
Lewdness . . . . .	4	
Neglected children . . . . .	36	
Neglect to support family . . . . .	41	
Peddling without license . . . . .	1	
Refusing to assist officer . . . . .	1	
Stubborn child . . . . .	10	
Unlawful use of registered bottles . . . . .	8	
Unlawfully operating steam boiler . . . . .	1	
Unlawfully operating automobile . . . . .	1	
Vagrancy . . . . .	38	
Violation city ordinance . . . . .	60	
Violation pure food laws . . . . .	23	
Violation liquor laws . . . . .	8	
Violation Lord's day . . . . .	46	
Violation rules Massachusetts highway commission . . . . .	9	
Walking on railroad track . . . . .	40	
	<hr/>	1,264
Arrests for crimes against person . . . . .	207	
Arrests for crimes against property . . . . .	300	
Arrests for crimes against public order . . . . .	1,264	
	<hr/>	
Number held for trial . . . . .	1,771	

**Miscellaneous Reports.**

Buildings found open and secured . . . . .	552
Defective streets reported . . . . .	483
Obstructions in streets reported . . . . .	55
Larcenies reported . . . . .	303
Amount of property reported stolen . . . . .	\$8,635
Water pipes reported leaking . . . . .	176
Number of street light reports . . . . .	3,024

**Police Signal Service and Ambulance Reports.**

Whole number of on duty reports made by patrolmen . . . . .	235,614
Whole number of runs made with wagon . . . . .	999
Whole number of prisoners conveyed to station . . . . .	1,132
Whole number of miles run with wagon . . . . .	1,597
Whole number of telephone calls . . . . .	14,044
Whole number of persons carried in ambulance . . . . .	425

**Official Roster of Department.**<sup>1</sup>MELVILLE C. PARKHURST, Chief of Police.

Robert R. Perry, Captain.	Dennis Kelley, Lieutenant.
Eugene A. Carter, Lieutenant.	Charles E. Woodman, Lieutenant.
Edward McGarr, Sergeant.	George H. Carleton, Sergeant.
James M. Harmon, Sergeant.	<sup>2</sup> John A. Ray, Sergeant.
Thomas Damery, Inspector.	

**PATROLMEN.**

Allen, Charles W.	Howard, Ernest
Arnold, Louis F.	Howe, Hudson M.
Belzarini, Louis J.	Johnston, Charles S.
Blair, Robert T.	Johnston, William H.
Bolton, David A.	<sup>3</sup> Jones, Frederick G.
<sup>3</sup> Burns, Joseph J.	Keane, Edmund J.
Burns, Samuel	Kennedy, Michael T.
Carter, Edward M.	<sup>3</sup> Kenney, William G.
Chisholm, Jotham	Lewis, Sanford S.
Crossman, Claude L.	Lynch, James M.
Cummings, John J.	McNamara, Thomas F.
Dadmum, John A.	<sup>5</sup> Mulqueeney, Dennis G.
Davidson, William J.	Neylon, Denis
Davies, Edward M.	Perkins, Francis A.
Dodge, Ezra A.	Peters, George A. C.
<sup>3</sup> Doolin, Patrick J.	Phillips, James E.
Downey, Denis	<sup>6</sup> Pollard, James J.
Drew, Elmer E.	Reed, Walter
<sup>4</sup> Dwyer, Joseph A.	Reick, Charles W.
Fuller, Harvey R.	Rice, George L.
Gilson, Henry Y.	Sharry, Martin
Goff, Ernest S.	Simons, Daniel G.
Googins, Frederick H.	Simons, Lemuel J.
Gott, Myron S.	Skinner, Jacob W.
Graves, Frank H.	Smith, George L.
<sup>3</sup> Groves, Walter L.	Stevens, Charles W.
Heron, Theodore E.	Sudbey, Henry A.
Hilton, Herbert	Sutherland, William J.
<sup>3</sup> Hopkins, Edward J.	Woodsum, Eugene A.
Hopkins, Frank C.	

**RESERVE POLICE FORCE.**

Dewar, Robert D.	Steeves, Clyde W.
Fitzpatrick, Augustine J.	Taylor, William E.
McCabe, Bernard	Walsh, Thomas P.
McGrath, Patrick	Young, Harry C.
Moore, Peter	

1. Retired, October 31, 1908.

2. Promoted to sergeant, November 12, 1908.

3. Promoted to patrolman, May 14, 1908.

4. " " " November 12, 1908.

5. " " " February 27, 1908.

6. Retired, February 27, 1908.

Respectfully submitted,

ROBERT R. PERRY,

Acting Chief of Police.

## REPORT OF SEALER OF WEIGHTS AND MEASURES.

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OFFICE OF SEALER OF WEIGHTS AND MEASURES, }  
City Hall Annex, Somerville, January 1, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

The following report of the sealer of weights and measures for the year 1908 is respectfully submitted:—

Section 21, chapter 62, of the Revised Laws provides that sealers of weights and measures shall annually give public notice by advertisement, or by posting, in one or more public places in their respective cities and towns, notices to all inhabitants or persons having usual places of business therein who use weights, measures or balances for the purpose of selling goods, wares, merchandise or other commodities or for public weighing to bring in their weights, measures and balances to be adjusted and sealed. Such sealers shall attend in one or more convenient places, and shall adjust, seal and record all weights, measures and balances so brought in.

Section 34 of the same chapter provides that each sealer of weights and measures, including the county treasurers, shall receive a fee of one dollar for sealing each platform balance if weighing five thousand pounds or more, and fifty cents if weighing less than that amount, and three cents each for sealing all other weights, measures, scales, beams or balances. He shall also have a reasonable compensation for all necessary repairs, alterations and adjustments made by him.

Where weights, measures and balances are sealed as provided in Section 21 (that is, brought to the office), no fee is charged for sealing.

In compliance with the foregoing Section 21, the customary notice was given by advertising in the Somerville Journal and the Somerville Reporter in March, 1908.

During the year the sealer visited all places in the city where goods were bought or sold, tested all scales, weights and measures, sealed those which were found correct, and condemned all found beyond repair and useless.

One hundred and thirty-seven scales, weights and measures were adjusted before sealing, ten scales were tagged for repairs, three of which were repaired as ordered, and the remaining seven put out of use.

Work done in weights and measures during the year 1908:—

	No. of Tests in the Office.	No. of Tests Outside of Office.	Total No. of Tests in and Outside of Office.
Number of scales sealed . . . . .	271	1,291	
Number of weights sealed . . . . .	163	4,009	
Number of dry measures sealed . . . . .	779	1,038	
Number of tin liquid measures sealed . . . . .	564	1,435	
Number of glass jars sealed . . . . .	134,067	0	
Number of yard sticks sealed . . . . .	4	141	
Number sealed, miscellaneous . . . . .	2	0	
Total number of all kinds sealed . . . . .	135,855	7,964	143,819
Number of scales adjusted and sealed . . . . .	26	57	
Number of weights adjusted and sealed . . . . .	11	32	
Number of dry measures adjusted and sealed . . . . .	4	1	
Number of liquid measures adjusted and sealed . . . . .	6	0	
Total number adjusted and sealed . . . . .	47	90	137
Number of scales tagged for repairs . . . . .	5	5	
Number of scales repaired as ordered . . . . .	1	2	
Total number tagged and repaired . . . . .	6	7	13
Number of scales condemned . . . . .	5	4	
Number of weights condemned . . . . .	0	1	
Number of dry measures condemned . . . . .	11	25	
Number of liquid measures condemned . . . . .	1,844	11	
Number of yard sticks condemned . . . . .	0	9	
Total number condemned . . . . .	1,860	50	1,910
	137,768	8,111	
Total number tested in and out of office . . . . .			145,879
Receipts for the year 1908:—			
Appropriation . . . . .	\$1,500 00		
Received fees for sealing and adjusting . . . . .	460 86		
			\$1,960 86
Expenditures for year 1908:—			
Telephone . . . . .	\$29 25		
Printing books and supplies . . . . .	92 42		
Amount paid for team . . . . .	230 00		
Amount paid for helper . . . . .	\$316 33		
Deputy . . . . .	183 33		
	499 66		
Salary of sealer . . . . .	1,100 00		
Total expenditures . . . . .			\$1,951 33
Unexpended balance . . . . .			\$9 53

JOHN H. DUSSEAUTL,  
Sealer of Weights and Measures.



## REPORT OF THE CITY SOLICITOR.

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Somerville, January 18, 1909.

To the Honorable, the Mayor, and Board of Aldermen of the City of Somerville:—

The following is my report as city solicitor for the year 1908:—

*Abolition of Grade Crossings.* On the petition of the mayor and aldermen for the abolition of grade crossings at Somerville avenue, a decree was entered July 7, 1908, in the superior court for Middlesex county confirming the decision of the special commission. The street is to be carried over the railroad tracks by a bridge. The work of construction is in charge of the Boston & Maine Railroad. Considerable progress has been made, and it is expected that the work will be completed this year. The expense is apportioned as follows: Fitchburg Railroad Company (Boston & Maine Railroad, lessee), sixty per cent.; Boston & Albany Railroad Company (New York Central & Hudson River Railroad Company, lessee), five per cent.; West End Street Railway Company, thirteen per cent.; commonwealth of Massachusetts, twelve per cent.; city of Somerville, ten per cent. The adjustment of land damages is in charge of the city. Twelve settlements amounting to \$31,901.91 were made prior to January 1, 1909, and a decree of the court for the re-payment of this sum to the city has already been obtained. Settlements amounting to \$13,289.74 have since been made. In every case the approval in writing by counsel for all the parties interested was first obtained.

On the petition of the mayor and aldermen for the abolition of grade crossings at Medford street, Webster avenue, Dane street, and Park street, several hearings have been held before the special commission, and a decision is expected soon. Whether a decree by the court will be made without delay is uncertain.

*Lowell-Street Bridge.* Decrees of the county commissioners for the construction of bridges over the railroad tracks at Lowell street have been set aside in proceedings brought by the railroad company in the supreme court. The case was taken by the city to the full bench, and the opinion of the court may be helpful as a guide for future action. Owing to the provisions of the special statute under which the branch line of the railroad was constructed, it may be necessary to secure legislation in order to carry the street over the tracks.

*Cases in Court.* Cases in the superior court for injuries claimed to have been received by reason of defects in public

ways were settled for \$72, \$160, \$225, \$400, \$400, and \$700, respectively. Two cases of the same nature were disposed of in the police court of Somerville and in the superior court without expense to the city, and another case, in which death resulted from the injury, was decided in favor of the city by the full bench of the supreme court after a trial before a jury in the superior court.

An action in the police court to recover a poll tax and another in the same court to enforce the provisions of the milk laws against a corporation were decided in favor of the city.

Several cases brought in the land court, involving the location of side lines of streets, have been decided in accordance with the records of the city. In one such case, after a trial in the land court, and another trial before a jury in the superior court at Lowell, an appeal has been taken to the full bench of the supreme court.

Another case tried in the land court related to the location of the boundary line between Somerville and Medford, near Boston avenue. Records covering a period of more than 150 years were searched, and many of them were presented in evidence. The city of Medford took no active part in the case, the petitioner being the owner of a certain tract of land which he claimed was wholly in Medford. In behalf of the city of Somerville, it was contended that the boundary line could not be determined in such proceedings. The trial nevertheless took place, and resulted in a decree purporting to establish the boundary line in the location claimed by the city of Somerville.

Very respectfully,

FRANK W. KAAH,

City Solicitor.

## REPORT OF THE CITY CLERK.

OFFICE OF THE CITY CLERK, }  
January 1, 1909.

To the Honorable, the Mayor, and the Board of Aldermen:—

Gentlemen,—The following is respectfully submitted as the thirty-seventh annual report of the city clerk of the city of Somerville, and is for the year ending December 31, 1908:—

The receipts and payments were as follows:—

### Receipts.

Balance from year 1907, being for dog licenses issued in December, 1907:—

2 males at \$2.00 . . . .	\$4 00
1 female at \$5.00 . . . .	5 00
1 spayed at \$2.00 . . . .	2 00

\$11 00

Less city clerk's fees paid to the city treasurer in December, 1907, 4 at \$.20,

80

\$10 20

For dog licenses issued in 1908:—

1,459 males at \$2.00 . . . .	\$2,918 00
278 females at \$5.00 . . . .	1,390 00
94 spayed at \$2.00 . . . .	188 00
3 breeders' licenses at \$25.00 . .	75 00

\$4,571 00

Recording mortgages, assignments, etc., 830 papers . . . .

\$515 25

Certificates of marriage intentions, 113 at \$.50 and 634 at \$1.00 . . . .

690 50

Furnishing copies of records . . . .

102 00

Licenses:—

Amusements, 106 licenses for 447 performances at \$1.00 . . . .

447 00

Auctioneers, 24 at \$2.00 . . . .

48 00

Billiard and pool tables and bowling alleys, 19 licenses for 44 tables and 6 alleys, at \$2.00 . . . .

100 00

Drivers, 19 at \$1.00 . . . .

19 00

Fireworks, 52 at \$1.00 . . . .

52 00

Hackney carriages, 24 licenses for 11 persons at \$1.00 for each carriage .

24 00

Intelligence offices, 8 at \$2.00 . . . .

16 00

Collect junk, 27 at \$10.00 . . . .

\$270 00

2 refused and money not

called for . . . .

20 00

Junk shop, 1 at \$25.00 . . . .

25 00

315 00

Private detective, 1 at \$10.00 . . . .

10 00

Amounts carried forward . . . .

\$2,338 75

\$4,581 20

Amounts brought forward . . . . .		\$2,333 75	\$4,531 20
Slaughtering, 6 at \$1.00 . . . . .	\$6 00		
Paid back on 1 refused in 1907 . . . . .	1 00		
		5 00	
Street musicians, 13 licenses for 26 persons at \$.50 . . . . .	\$13 00		
Paid back on 2 refused in 1907 . . . . .	2 00		
		11 00	
Wagons, 141 licenses for 73 persons at \$1.00 for each wagon . . . . .		141 00	
Wagon stands, 2 at \$1.00 . . . . .	\$2 00		
1 refused and money not called for . . . . .	1 00		
		3 00	
Permits to transport liquors, 13 at \$1.00 . . . . .	\$13 00		
16 refused and money not called for . . . . .	16 00		
	\$29 00		
Paid back on 9 refused in 1907 . . . . .	9 00		
		20 00	
Recording and issuing sixth-class liquor licenses, 37 at \$1.00 . . . . .		37 00	
Filing certificate, 1 at \$.50 . . . . .		50	
Repairing and sale of junk badges . . . . .		1 88	
Sale of old ballots . . . . .		30	
Interest on deposits . . . . .		11 02	
			\$2,569 45
Total receipts . . . . .			\$7,150 65

### Payments.

To Joseph O. Hayden, county treasurer, June 1 and December 1, receipts for dog licenses from December 1, 1907, to November 30, 1908, both inclusive:—			
1,458 males at \$2.00 . . . . .	\$2,916 00		
276 females at \$5.00 . . . . .	1,380 00		
95 spayed at \$2.00 . . . . .	190 00		
3 breeders' licenses at \$25.00 . . . . .	75 00		
	\$4,561 00		
Less city clerk's fees, 1,832 at \$.20 . . . . .	366 40		
		\$4,194 60	
To the city treasurer, monthly:—			
City clerk's fees for issuing and recording dog licenses, 1,834 at \$.20 . . . . .	\$366 80		
All the receipts above specified, except for dog licenses . . . . .	2,569 45		
		2,936 25	
Total payments . . . . .			\$7,130 85



Balance, January 1, 1909, being for dog licenses issued in December, 1908:—

3 males at \$2.00 . . . . .	\$6 00
3 females at \$5.00 . . . . .	15 00

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\$21 00

Less city clerk's fees paid to the city treasurer, 6 at \$.20 . . . . .	1 20
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\$19 80

### Licenses and Permits.

Besides the licenses mentioned in the foregoing list of receipts, licenses and permits have been granted by the board of aldermen and issued without charge, as follows:—

Amusements, Somerville High School Athletic Association, ball games (fees remitted) . . . . .	18
Auctioneers (to veterans of the Civil War) . . . . .	4
Innholders . . . . .	3
Common victuallers . . . . .	63
Common victuallers, transferred to new owners . . . . .	2
Drain layers . . . . .	8
Drain layers, bond not filed . . . . .	1
Newsboys . . . . .	102
Junk collectors, to cry calling in streets . . . . .	27
To cry goods in streets . . . . .	47
To cry aloud to announce calling:—	
Umbrella menders . . . . .	3
Umbrella mender and locksmith . . . . .	1
To ring bell in streets:—	
Ice cream venders . . . . .	7
Scissors sharpeners . . . . .	7
Umbrella mender . . . . .	1
To set up and use engines:—	
Electric motors, 25 licenses for 32 motors . . . . .	32
Gas engines . . . . .	4
Steam engines . . . . .	2
To blast rock or stone . . . . .	6
To blast rock or stone, bond not filed . . . . .	2
To erect or use buildings for gasoline . . . . .	7
To erect or use buildings for garages . . . . .	14
To maintain projections over sidewalks:—	
Awnings . . . . .	3
Barbers' poles . . . . .	3
Bay windows, 1 permit for 3 windows . . . . .	3
Electric signs . . . . .	5
Flag . . . . .	1
Flaming arc light, 1 permit for 2 lights . . . . .	2
Fire escape . . . . .	1
Mortar and pestle sign . . . . .	1
Transfer of post and illuminated mortar sign . . . . .	1
Signs . . . . .	28
To set and maintain hitching posts . . . . .	6
To erect derricks and guy wires . . . . .	1
To construct coal chute and sidewalk hoist . . . . .	1
To construct trestle for pipe line . . . . .	1
To move buildings through streets . . . . .	5
To move buildings through streets, bond not filed . . . . .	1
To parade in streets . . . . .	2
To hold open-air meetings . . . . .	3

To attach wires to poles of telephone and telegraph and electric light companies . . . . .	1
Addition to stable and wagon shed . . . . .	1
Approval of location of stables . . . . .	2
To keep lying-in hospital . . . . .	1

### Gas and Pole Locations.

The Cambridge Gas Light Company and the Charlestown Gas and Electric Company have been granted permission to lay gas mains in sundry streets.

Permission has also been given The Edison Electric Illuminating Company of Boston and The New England Telephone and Telegraph Company of Massachusetts for the erection of poles for the support of wires, and the West End Street Railway Company for track locations and electric rights in various streets.

In every case of such permission to use the streets a suitable agreement for the protection of the interests of the city must be filed with the city clerk before the order can become operative.

### Births.

1908.

Number of births reported by physicians and midwives for 1908:—

Males . . . . .	849
Females . . . . .	787

A canvass of the city is at present being made under the direction of the city clerk as required by section 5, chapter 29, of the Revised Laws, to ascertain the facts required for record relative to all children born therein during the year.

As the information derived from such canvass will not be available in time sufficient for its incorporation in this report, a statement in full of the births of 1908 will be given in the city clerk's report for the year 1909.

1907.

The following is a statement in full of the births for 1907:—

Number of births (exclusive of still-births) in Somerville in 1907	
registered . . . . .	1,747
More than previous year . . . . .	39
Males . . . . .	907
Females . . . . .	839
Sex unknown . . . . .	1
	— 1,747
Born of American parents . . . . .	633
Born of foreign parents . . . . .	731
Born of American father and foreign mother . . . . .	195
Born of foreign father and American mother . . . . .	180
Born of American mother and father of unknown nationality . . . . .	7
Born of foreign mother and father of unknown nationality . . . . .	1
	— 1,747

Number of still-births in Somerville in 1907 registered . . . . .	77	
Number of births in other places in 1907 registered . . . . .	218	
		<hr/> 2,042
Number reported by both canvasser and physician or midwife . . . . .	1,427	
Number reported by canvasser alone . . . . .	308	
Number reported by physician or midwife . . . . .	203	
Number reported by clerk or registrar of other place and canvasser . . . . .	31	
Number reported by clerk or registrar of other place and physician . . . . .	15	
Number reported by clerk or registrar of other place, canvasser and physician . . . . .	1	
Number reported by clerk or registrar of other place . . . . .	43	
Number of still-births taken from death records . . . . .	14	
		<hr/> 2,042
Number of cases of twins . . . . .	19	
Number of cases of triplets . . . . .	1	

**Marriages.**

Number of intention certificates issued in 1908 . . . . .	747	
Less than previous year . . . . .	88	
Marriages registered . . . . .	820	
Less than previous year . . . . .	70	
Both parties American . . . . .	432	
Both parties foreign . . . . .	194	
American groom and foreign bride . . . . .	102	
Foreign groom and American bride . . . . .	92	
		<hr/> 820 couples
First marriage of . . . . .	1,454	
Second marriage of . . . . .	173	
Third marriage of . . . . .	13	
		<hr/> 820 couples

**Deaths.**

(Exclusive of still-births.)

Number of deaths in Somerville in 1908 . . . . .	903	
Less than previous year . . . . .	94	
Males . . . . .	429	
Females . . . . .	474	
		<hr/> 903
Under ten years of age . . . . .	265	
10 and under 20 years of age . . . . .	31	
20 and under 30 years of age . . . . .	44	
30 and under 40 years of age . . . . .	72	
40 and under 50 years of age . . . . .	53	
50 and under 60 years of age . . . . .	85	
60 and under 70 years of age . . . . .	132	
70 and under 80 years of age . . . . .	153	
80 and under 90 years of age . . . . .	53	
90 years of age and over . . . . .	10	
		<hr/> 903
Age of oldest person deceased . . . . .	95 yrs.	
Born in Somerville . . . . .	238	
Born in other places in the United States . . . . .	334	
Of foreign birth . . . . .	279	
Birthplace unknown . . . . .	2	
		<hr/> 903

Number of deaths in	January	81
" " " "	February	82
" " " "	March	80
" " " "	April	68
" " " "	May	78
" " " "	June	77
" " " "	July	65
" " " "	August	75
" " " "	September	63
" " " "	October	78
" " " "	November	76
" " " "	December	80

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 903

The number of still-births recorded during the year was seventy. In addition to the above, 164 deaths which occurred elsewhere were recorded in Somerville, almost the entire number of persons deceased having been residents of this city.

### Voting Precincts.

At the close of registration, November 18, 1908, three of the voting precincts of the city contained very nearly the legal limit of voters. Precinct one of ward five had 946, precinct one of ward six had 906, and precinct one of ward seven had 991.

Section 191 of chapter 560 of the Acts of the Legislature of Massachusetts of 1907, relating to elections, provides that if a voting precinct shall, in any year, contain more than 1,000 voters, the aldermen shall either divide such precinct into two or more voting precincts, or shall make a new division of the ward into voting precincts; so that no precinct shall contain more than 1,000 voters.

As these precincts may during the present year reach the legal limits, it would seem advisable that consideration be given to the matter of a division of the precincts or a new division of the wards.



## Assessed Polls and Registered Voters.

## MEN'S LISTS.

WARD.	PRECINCT.	As- sessed Polls, May 1, 1908.	REGISTERED VOTERS.							
			Nov. 20, 1907.	Re- vised Lists of July 1, 1908.	Added in Sept. and Oct., 1908.	Oct. 14, 1908.	Added in Nov., 1908.	Nov. 18, 1908.	Voted Nov. 3, 1908.	Voted Dec. 8, 1908.
Ward 1 . .	Precinct 1 . . .	1,228	690	592	83	675	6	681	552	434
" 1 . .	" 2 . . .	563	312	288	42	330	..	330	273	195
" 1 . .	" 3 . . .	542	314	284	47	331	6	337	274	232
" 1 . .	" 4 . . .	682	347	315	13	328	4	332	256	249
		3,015	1,663	1,479	185	1,664	16	1,680	1,355	1,110
Ward 2 . .	Precinct 1 . . .	1,241	393	359	54	413	3	416	338	205
" 2 . .	" 2 . . .	1,404	553	518	154	672	3	675	571	360
" 2 . .	" 3 . . .	852	371	316	53	369	2	371	309	223
		3,497	1,317	1,193	261	1,454	8	1,462	1,218	788
Ward 3 . .	Precinct 1 . . .	1,022	723	652	85	737	8	745	618	417
" 3 . .	" 2 . . .	1,215	784	698	69	767	7	774	660	488
		2,237	1,507	1,350	154	1,504	15	1,519	1,278	905
Ward 4 . .	Precinct 1 . . .	1,320	767	708	147	855	5	860	731	449
" 4 . .	" 2 . . .	946	558	525	127	652	4	656	583	378
		2,266	1,325	1,233	274	1,507	9	1,516	1,314	827
Ward 5 . .	Precinct 1 . . .	1,356	863	795	149	944	2	946	834	467
" 5 . .	" 2 . . .	698	410	389	59	448	2	450	386	230
" 5 . .	" 3 . . .	937	496	459	127	586	7	593	518	339
		2,991	1,769	1,643	335	1,978	11	1,989	1,738	1,036
Ward 6 . .	Precinct 1 . . .	1,603	839	755	133	888	18	906	771	505
" 6 . .	" 2 . . .	1,218	691	625	145	770	6	776	681	373
" 6 . .	" 3 . . .	1,036	644	571	146	717	5	722	640	372
		3,857	2,174	1,951	424	2,375	29	2,404	2,092	1,250
Ward 7 . .	Precinct 1 . . .	1,506	805	769	219	988	3	991	875	445
" 7 . .	" 2 . . .	924	486	452	129	581	3	584	518	327
" 7 . .	" 3 . . .	971	512	478	150	628	4	632	548	343
		3,401	1,803	1,699	498	2,197	10	2,207	1,941	1,115
City . . .	. . . . .	21,264	11,558	10,548	2,131	12,679	98	12,777	10,936	7,031

## WOMEN'S VOTING LISTS.

WARD.	PRECINCT.	Nov. 20, 1907.	Revised Lists of July 1, 1908.	Added in Sept. and Oct., 1908.	October 14, 1908.	Added in Nov., 1908.	Nov. 13, 1908.	Voted Decem- ber 8, 1908.
Ward 1 . . .	Precinct 1 .	23	18	..	18	5	23	2
" 1 . . .	" 2 .	3	2	..	2	2	4	1
" 1 . . .	" 3 .	11	9	..	9	..	9	..
" 1 . . .	" 4 .	29	26	..	26	..	26	..
		66	55	..	55	7	62	3
Ward 2 . . .	Precinct 1 .	4	4	..	4	..	4	..
" 2 . . .	" 2 .	5	5	..	5	..	5	..
" 2 . . .	" 3 .	1	1	..	1	..	1	..
		10	10	..	10	..	10	..
Ward 3 . . .	Precinct 1 .	25	25	..	25	9	34	5
" 3 . . .	" 2 .	45	38	..	38	8	46	8
		70	63	..	63	17	80	13
Ward 4 . . .	Precinct 1 .	17	16	..	16	2	18	1
" 4 . . .	" 2 .	19	16	..	16	1	17	2
		36	32	..	32	3	35	3
Ward 5 . . .	Precinct 1 .	37	36	..	36	1	37	3
" 5 . . .	" 2 .	8	7	..	7	2	9	..
" 5 . . .	" 3 .	11	11	..	11	..	11	1
		56	54	..	54	3	57	4
Ward 6 . . .	Precinct 1 .	35	34	..	34	26	60	48
" 6 . . .	" 2 .	16	11	..	11	2	13	11
" 6 . . .	" 3 .	3	1	..	1	1	2	2
		54	46	..	46	29	75	61
Ward 7 . . .	Precinct 1 .	84	68	..	68	4	72	14
" 7 . . .	" 2 .	67	60	..	60	4	64	15
" 7 . . .	" 3 .	44	35	..	35	3	38	4
		195	163	..	163	11	174	33
City . . . .	. . . . .	487	423	..	423	70	493	117

**Elections.**

The following is a statement of the votes cast, in the several wards of the city, for the candidates for the various offices, at the state election held November 3, 1908:—

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
PRESIDENTIAL ELECTORS.									
Richard Olney, James E. Cotter,	} Democratic,	455	738	227	213	401	464	262	2,760
Hervey S. Cowell, John M. Fisher,	} Prohibition,	12	3	47	20	15	18	25	140
Patrick Mahoney, Eliot White,	} Socialist,	29	24	17	23	27	40	41	201
Thomas F. Brennan, Herman Koepke,	} Socialist Labor,	1	2	4	....	1	5	....	13
Michael C. O'Neill, William F. Aiken,	} Independence League,	41	38	47	50	56	63	86	381
John L. Bates, August H. Goetting,	} Republican,	794	378	927	987	1,213	1,457	1,508	7,264
Blank,		23	35	9	21	25	45	19	177
GOVERNOR.									
James F. Carey,	Socialist,	27	18	18	20	29	46	49	207
Eben S. Draper,	Republican,	614	298	842	882	1,057	1,247	1,367	6,307
Walter J. Hoar,	Socialist Labor,	12	7	3	1	6	9	4	42
William N. Osgood,	Ind. League,	74	57	66	81	104	123	134	639
James H. Vahey,	Democratic,	522	734	275	234	435	529	280	3,009
Willard O. Wylie,	Prohibition,	13	7	18	25	24	35	32	154
Blank,		93	97	56	71	83	103	75	578
LIEUTENANT-GOVERNOR.									
Charles J. Barton,	Democratic,	410	625	231	175	356	384	216	2,397
Joao Claudino,	Socialist Labor,	2	13	3	3	5	13	9	48
Louis A. Frothingham,	Republican,	689	342	868	937	1,106	1,360	1,373	6,675
John Hall, Jr.,	Socialist,	27	14	18	19	26	41	91	236
Robert J. McCartney,	Ind. League,	49	45	52	54	70	83	91	444
Frank N. Rand,	Prohibition,	15	2	22	18	22	28	37	144
John W. Cole,		....	....	1	....	....	...	....	1
Robert L. Luce,		...	....	1	....	....	....	....	1
Blank,		163	177	82	108	153	183	124	990
SECRETARY.									
James F. Aylward,	Democratic,	349	624	199	145	307	355	191	2,170
Herbert B. Griffin,	Prohibition,	14	5	16	21	20	22	37	135
George Nelson,	Socialist Labor,	5	9	11	7	5	12	8	57
William M. Olin,	Republican,	709	324	871	916	1,122	1,345	1,455	6,742
Squire E. Putney,	Socialist,	32	24	26	23	33	50	43	231
John F. Williams,	Ind. League,	31	33	42	42	62	58	69	337
Blank,		215	199	113	160	189	250	138	1,264

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
TREASURER AND RECEIVER-GENERAL.									
Charles E. Butterworth,	Ind. League,	50	51	63	60	93	101	110	528
Arthur B. Chapin,	Republican,	719	326	875	918	1,128	1,349	1,439	6,754
Henry C. Hess,	Socialist Labor,	6	5	1	3	3	12	13	43
Charles C. Hitchcock,	Socialist,	32	17	22	18	27	39	40	195
Edward Kendall,	Prohibition,	13	8	16	18	55	33	29	172
Erwin H. Kennedy,	Democratic,	313	583	179	129	235	287	151	1,877
Blank,		222	228	122	168	197	271	159	1,367
AUDITOR.									
Frank Bohmbach,	Socialist Labor,	4	8	29	....	3	9	5	58
John E. Dempsey,	Ind. League,	34	45	10	41	67	66	74	337
George G. Hall,	Socialist,	29	26	22	21	27	40	45	210
Wilbur D. Moon,	Prohibition,	28	8	20	28	21	32	37	174
Henry E. Turner,	Republican,	717	339	882	924	1,126	1,366	1,445	6,799
Simeon Viger,	Democratic,	273	539	173	129	257	280	153	1,804
J. Harvey White,		....	....	....	....	1	....	....	1
Blank,		270	253	142	171	236	299	182	1,553
ATTORNEY-GENERAL.									
Henry M. Dean,	Prohibition,	18	8	26	22	27	30	45	176
Elliot C. Harding,	Socialist Labor,	8	6	13	5	41	18	53	144
Dana Malone,	Republican,	685	325	848	895	1,060	1,329	1,388	6,521
John McCarty,	Socialist,	34	23	20	19	32	39	41	208
Richard J. Talbot,	Ind. League,	80	38	45	54	68	73	73	431
John Alden Thayer,	Democratic,	292	594	201	156	304	340	177	2,064
Blank,		238	224	125	163	206	272	164	1,392
REPRESENTATIVE IN CONGRESS.									
Frederick S. Deitrick,	Democratic,	357	596	172	123	279	332	191	2,050
George W. Jennings,	Ind. League,	72	53	64	82	102	111	115	599
Samuel W. McCall,	Republican,	741	378	929	957	1,174	1,400	1,489	7,068
Charles C. Blaisdell, Sr.		....	....	....	....	....	1	....	1
Frank E. Dickerman,		....	....	....	....	....	1	....	1
Blank,		185	191	113	152	183	247	146	1,217
COUNCILLOR.									
Walter S. Glidden,	Republican,	797	453	916	936	1,139	1,429	1,490	7,160
Thomas Hooper,	Ind. League,	160	193	137	143	237	212	203	1,285
Francis Q. Harrington,		....	....	....	....	1	....	....	1
Blank,		398	572	225	235	361	451	248	2,490
SENATOR.									
William H. Flynn,	Democratic,	382	634	218	150	311	347	196	2,238
George E. Gookin, 2nd,	Ind. League,	58	53	61	73	98	116	122	581
Elmer A. Stevens,	Republican,	729	325	870	918	1,122	1,355	1,446	6,765
Blank,		186	206	129	173	207	274	177	1,352
REPRESENTATIVES, 25TH DIST. (3)									
William M. Armstrong,	Republican,	722	....	916	882	1,074	....	....	3,594
Thomas F. Buckley,	Democratic,	323	....	171	133	299	....	....	926
Grover A. Cleveland,	Ind. League,	73	....	56	77	107	....	....	313



CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
Henry T. Gallishaw,	Democratic,	290	....	147	116	251	....	....	804
Sidney B. Keene,	Republican,	619	....	793	834	988	....	....	3,234
Albert Michaud,	Ind. League,	46	....	36	55	72	....	....	209
Herbert W. Snow,	Ind. League,	62	....	74	92	105	....	....	333
Charles L. Underhill,	Republican,	636	....	794	820	1,002	....	....	3,252
Frederick J. White,	Democratic,	330	....	224	145	283	....	....	982
Blank,		964	....	623	788	1,033	....	....	3,408
REPRESENTATIVES, 26TH DIST. (3									
Charles V. Blanchard,	Republican,	....	340	....	....	....	1,322	1,426	3,088
Alvah E. Dearborn,	Democratic,	....	548	....	....	....	278	179	1,005
Robert W. Houley,	Democratic,	....	555	....	....	....	263	142	960
Christopher Muldoon, Jr.	Democratic,	....	532	....	....	....	234	125	891
Irving W. Rametti,	Ind. League,	..	43	....	....	....	80	95	218
Stephen E. Simmons,	Ind. League,	....	46	....	....	....	109	111	266
John F. Thompson,	Republican,	....	342	....	....	....	1,453	1,343	3,138
William L. Waugh,	Republican,	....	291	....	....	....	1,236	1,334	2,861
William Weir,	Ind. League,	....	49	....	....	....	104	157	310
Blank,		....	908	....	....	....	1,197	911	3,016
COUNTY COMMISSIONER.									
Edward Gallagher,	Democratic,	318	554	171	120	266	305	154	1,888
Levi S. Gould,	Republican,	655	294	826	847	1,036	1,269	1,313	6,240
Charles F. Walcott,	Ind. League,	52	43	59	71	85	100	110	520
Blank,		330	327	222	276	351	418	364	2,288
COUNTY COMMISSIONER (To fill vacancy).									
George R. Duren,	Democratic,	307	537	167	119	268	291	150	1,839
Andrew W. Jones,	Ind. League,	53	56	60	77	86	100	119	551
Charles H. Richardson,	Republican,	659	293	828	827	1,018	1,266	1,306	6,197
Blank,		336	332	223	291	366	435	366	2,349
REGISTER OF PROBATE AND INSOLVENCY.									
John F. Holland,	Democratic,	313	550	174	127	272	305	156	1,897
William E. Rogers,	Republican,	633	305	834	823	1,023	1,273	1,314	6,205
Roswell C. Ross,	Ind. League,	81	43	53	73	89	89	110	538
Blank,		328	320	217	291	354	425	361	2,296
ASSOCIATE COMMISSIONER (To fill vacancy).									
James F. McCarthy, Jr.	Democratic,	321	561	180	124	271	302	154	1,913
Alfred W. Parnell,	Ind. League,	81	38	48	65	79	96	142	549
Frank A. Patch,	Republican,	625	300	826	830	1,024	1,263	1,275	6,143
Blank,		328	319	224	295	364	431	370	2,331

The following is a statement of the votes cast in the several wards of the city for the candidates for the various offices, and on the question of granting licenses for the sale of intoxicating liquors in this city, at the city election held December 8, 1908:—

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
MAYOR.									
Joseph Cummings,	{ Democratic, Non- Partisan,	237	308	179	92	117	98	47	1,078
John F. Foster,	{ Republican Ind. Citizens Nom. Paper,	223	153	195	229	336	313	462	1,911
Clayton S. Hunt,	Socialist Citizens,	30	8	9	12	13	16	14	102
John M. Woods,	Republican,	577	306	504	472	533	806	580	3,778
Jessie Newcomb,		....	....	....	....	1	....	....	1
Donal M Lean,		....	....	....	....	1	....	....	1
Newcomb,		....	....	....	....	....	1	....	1
Blank,		43	13	18	22	35	16	12	159
ALDERMAN-AT-LARGE, WARD 1.									
John W. Concannon,	Democratic,	377	361	131	126	212	170	94	1,471
Leslie E. A. Smith,	Republican,	584	250	646	590	684	870	836	4,460
Blank,		149	177	128	111	140	210	185	1,100
ALDERMAN-AT-LARGE, WARD 2.									
John F. Elkins,	Democratic,	301	364	137	105	193	180	90	1,370
Nicholas H. Flynn,	Socialist Citizens,	30	27	66	18	29	34	21	225
Paul R. Valentine,	Republican,	513	323	575	580	658	812	815	4,276
Blank,		266	74	127	124	156	224	189	1,160
ALDERMAN-AT-LARGE, WARD 3.									
John D. Rusden,	Socialist Citizens,	81	93	50	38	69	61	49	441
Clarence A. Smith,	Republican,	597	299	715	618	712	875	839	4,655
Blank,		432	396	140	171	255	314	227	1,935
ALDERMAN-AT-LARGE, WARD 4.									
Orton D. Field,	Socialist Citizens,	36	18	24	28	28	30	31	195
Geo. A. Glidden,	Democratic,	246	313	116	118	172	144	71	1,180
Amos W. Shepard,	Republican,	529	249	619	607	666	820	806	4,296
Blank,		299	208	146	74	170	256	207	1,360
ALDERMAN-AT-LARGE, WARD 5.									
Benjamin R. Atwood,	Democratic,	250	315	107	89	187	157	70	1,175
Charles A. Burns,	Republican,	521	236	621	574	736	801	796	4,285
Lewis N. Gilman,	Socialist Citizens,	39	24	30	28	34	42	38	235
Blank,		300	213	147	136	79	250	211	1,336
ALDERMAN-AT-LARGE, WARD 6.									
Charles W. Eldridge,	Republican,	526	249	608	587	672	898	795	4,335
Henry Lloyd,	Democratic,	233	291	105	78	156	147	75	1,085
Squire E. Putney,	Socialist Citizens,	34	26	35	26	41	46	42	250
Blank,		317	222	157	136	167	159	203	1,361
ALDERMAN-AT-LARGE, WARD 7.									
Robert M. Lavender,	Republican,	533	291	629	579	680	837	896	4,445
Richard Pigott,	Socialist Citizens,	87	88	48	52	82	67	61	485
Blank,		490	409	228	196	274	346	158	2,101

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
WARD ALDERMEN (2) WARD 1.									
John Diggins,	{ Democratic,	502	....	....	....	....	....	....	502
Fred E. Hanley,	{ Ind. Citizens,	510	....	....	....	....	....	....	510
Timothy J. Lyons,	Republican,	272	....	....	....	....	....	....	272
William H. Smith,	Democratic,	550	....	....	....	....	....	....	550
Blank,	Republican,	384	....	....	....	....	....	....	384
WARD ALDERMEN (2) WARD 2.									
Joseph A. Haley,	Democratic,	....	481	....	....	....	....	....	481
Philip Koen,	Democratic,	....	482	....	....	....	....	....	482
John F. Malone, Jr.		....	1	....	....	....	....	....	1
Blank,		....	612	....	....	....	....	....	612
WARD ALDERMEN (2) WARD 3.									
Charles W. Boyer,	Republican,	....	....	632	....	....	....	....	632
William E. Copithorne,	Republican,	....	....	698	....	....	....	....	698
Charles D. Elliot,		....	....	5	....	....	....	....	5
Blank,		....	....	475	....	....	....	....	475
WARD ALDERMEN (2) WARD 4.									
William H. Cartright,	Democratic,	....	....	....	98	....	....	....	98
Harry T. Gallishaw,	Democratic,	....	....	....	108	....	....	....	108
William P. Jones,	Republican,	....	....	....	555	....	....	....	555
Ray R. Rideout,	Republican,	....	....	....	542	....	....	....	542
Blank,		....	....	....	351	....	....	....	351
WARD ALDERMEN (2) WARD 5.									
Benjamin R. Atwood,	Democratic,	....	....	....	....	177	....	....	177
Gerald A. Gardner,	Republican,	....	....	....	....	663	....	....	663
Edward A. Mahoney,	Democratic,	....	....	....	....	160	....	....	160
Alphonso A. Wyman,	Republican,	....	....	....	....	658	....	....	658
Frank A. Lavelle,		....	....	....	....	3	....	....	3
Blank,		....	....	....	....	411	....	....	411
WARD ALDERMEN (2) WARD 6.									
Oscar H. Belding,	Republican,	....	....	....	....	....	814	....	814
John F. Burke,	Democratic,	....	....	....	....	....	162	....	162
Bernard J. Sheridan,	Democratic,	....	....	....	....	....	164	....	164
Edgar A. Smith,	Republican,	....	....	....	....	....	866	....	866
Blank,		....	....	....	....	....	494	....	494
WARD ALDERMEN (2) WARD 7.									
Jesse E. Perry,	Republican,	....	....	....	....	....	....	843	843
Ralph M. Smith,	Republican,	....	....	....	....	....	....	799	799
Robert A. Miner,		....	....	....	....	....	....	1	1
Hiram W. Dearborn,		....	....	....	....	....	....	1	1
Blank,		....	....	....	....	....	....	586	586
SCHOOL COMMITTEE (2yrs.) WARD 1.									
Emory F. Chaffee,	Republican,	677	....	....	....	....	....	....	677
Blank,		435	....	....	....	....	....	....	435
SCHOOL COMMITTEE (2yrs.) WARD 2.									
Herbert C. Bucknam,	Republican,	....	230	....	....	....	....	....	230
Thomas M. Clancy,	Democratic,	....	419	....	....	....	....	....	419
Blank,		....	139	....	....	....	....	....	139

CANDIDATE.	Party.	WARDS.							Total.
		1	2	3	4	5	6	7	
SCHOOL COMMITTEE (2 yrs.) WARD 3.									
Wilbur S. Clarke,	Republican,	....	....	589	....	....	....	....	589
Frederick J. White,	Democratic,	....	....	209	....	....	....	....	209
Duane T. Whitney,	Socialist Citizens,	....	....	33	....	....	....	....	33
Leila C. Pennock,		....	....	8	....	....	....	....	8
Blank,		....	....	79	....	....	....	....	79
SCHOOL COMMITTEE (2 yrs.) WARD 4.									
George W. Foster,	Republican,	....	....	....	670	....	....	....	670
Blank,		....	....	....	160	....	....	....	160
SCHOOL COMMITTEE (2 yrs.) WARD 5.									
John L. Mulholland,	Socialist Citizens,	....	....	....	....	80	....	....	80
J. Walter Sanborn,	Republican,	....	....	....	....	777	....	....	777
P. H. Ryan,		....	....	....	....	1	....	....	1
Blank,		....	....	....	....	182	....	....	182
SCHOOL COMMITTEE (2 yrs.) WARD 6.									
Mary R. Brewer,	Citizens Nom.	....	....	....	....	....	609	....	609
Leonard H. Pote,	Republican,	....	....	....	....	....	640	....	640
Blank,		....	....	....	....	....	62	....	62
SCHOOL COMMITTEE (2 yrs.) WARD 7.									
Henrietta B. H. Attwood,	{ Republican,	....	....	....	....	....	....	868	868
	{ Democratic,	....	....	....	....	....	....	2	2
Inez M. Chase,		....	....	....	....	....	....	278	278
Blank,		....	....	....	....	....	....		
SHALL LICENSES BE GRANTED FOR THE SALE OF INTOXICAT- ING LIQUORS IN THIS CITY?									
Number of " Yes " votes,		362	429	194	125	231	279	160	1,780
Number of " No " votes,		627	281	658	652	746	904	892	4,760
Blank,		121	78	53	50	59	67	63	491



### Liquor License Question.

The following is a statement of the votes, during the several years of its submission to the people, on the question of granting licenses for the sale of intoxicating liquors in this city, together with the number of registered voters and the estimated population for each year:—

YEAR.	YES.	NO.	BLANK.	REGISTERED VOTERS.	ESTIMATED POPULATION.
1881	979	1,222		3,678	26,000
1882	627	1,159		3,778	26,500
1883	767	1,343		4,407	27,000
1884	806	1,709		4,470	28,000
1885	428	1,604		3,969	*29,992
1886	214	1,321		4,089	32,000
1887	555	2,427		4,574	34,000
1888	744	2,456		5,399	36,000
1889	635	1,706	335	5,286	39,000
1890	999	2,282	409	5,556	*40,117
1891	1,054	2,598	279	5,938	43,000
1892	1,427	3,288	347	7,587	46,000
1893	1,547	2,654	218	7,943	48,000
1894	1,098	2,869	246	8,007	50,000
1895	1,854	4,708	459	8,410	*52,200
1896	1,466	3,680	332	9,379	54,000
1897	1,626	3,815	486	8,925	56,000
1898	1,595	3,501	486	8,657	57,500
1899	1,892	3,340	374	8,838	60,000
1900	1,660	3,427	321	9,620	*61,643
1901	1,579	3,295	374	9,499	63,500
1902	1,645	3,242	360	10,100	65,000
1903	2,248	4,410	550	11,346	67,000
1904	2,022	4,338	447	11,682	69,500
1905	2,483	4,660	531	11,340	*69,272
1906	2,193	5,204	582	11,571	70,000
1907	1,735	4,591	459	11,558	74,000
1908	1,780	4,760	491	12,777	75,500

\* Census.

## ORDINANCES.

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Somerville, January 1, 1909.

The following ordinances have been adopted since the printing of the annual reports for the year 1907:—

### No. 69.

#### **An Ordinance to Regulate the Rate of Speed of Automobiles or Motor Cycles on Davis Square and Streets Adjacent Thereto.**

*Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—*

Section 1. No person shall permit or cause an automobile or motor cycle to go at a greater rate of speed than eight miles an hour on the portions of streets in this city as specified below:—

Highland avenue from Grove street to Davis square,  
Elm street from Grove street to Davis square,  
Day street from the Cambridge line to Davis square,  
Dover street from the Cambridge line to Davis square,  
Holland street from Wallace street to Davis square,  
College avenue from Broadway to Davis square and  
Davis square.

Section 2. Any person violating the provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage, and shall be effective upon publication in any newspaper published in this city.

*Approved April 10, 1908.*

### No. 70.

#### **An Ordinance in Relation to the Sale and Use of Sky Rockets and Roman Candles.**

*Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—*

Section 1. No person shall sell, expose for sale, give away, use or discharge a sky rocket or Roman candle without the permission of the mayor.

Section 2. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage.

*Approved June 12, 1908.*

### No. 71.

#### **An Ordinance in Relation to the Setting of Fires.**

*Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—*

Section 1. No person shall set fire to leaves or other material in any street or other public place.

Section 2. No person shall set fire in the open air to leaves or any other material in any dumping place or on private land or elsewhere.

Section 3. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 4. This ordinance shall take effect upon its passage.

*Approved June 26, 1908.*

**No. 72.**

**An Ordinance Relating to Dealers in Junk.**

*Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—*

Section 1. Section 2 of Chapter 26 of the Revised Ordinances of 1900 is hereby amended by adding thereto the following: No person licensed under the provisions of this chapter shall keep or store junk, old metals, rags or second-hand articles in any shop or place other than that designated in his license. No more than one license shall be granted for the same shop or place. Everything kept or stored on the premises shall at all times be completely and securely covered to the satisfaction of the Chief of Police.

Section 2. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage.

*Approved June 26, 1908.*

FREDERIC W. COOK,  
City Clerk.

## JURY LIST OF THE CITY OF SOMERVILLE.

Prepared by the Registrars of Voters, June 29, 1908, under Chapter 348 of the Acts of the Legislature for the year 1907.

### A

Abbott, Alonzo F., 8 Concord avenue, Shipper.  
Ackerman, Herman E., 14 Bay State avenue, Shoe jobber.  
Adams, Arthur E., 74 Bay State ave., Head bookkeeper.  
Adams, Charles M., 22 Highland road, Insurance adjuster.  
Adams, Charles S., 9 Holyoke road, Traveling salesman.  
Adcock, John H., 205 Highland avenue, Plumber.  
Ainsworth, Fred W., 390-A Highland ave., Broker, R. E.  
Alexander, Harrison B., 383 Medford street, Brakeman.  
Allen, Arthur S., 46 Wheatland street, Jeweler.  
Allen, George H., 29 Rogers avenue, Real estate dealer.  
Allen, J. Edward, 51 Meacham road, Manager.  
Alletzhauser, Frederick, 9 Wheatland street, Jeweler.  
Allison, James W., 95 Mt. Vernon street, Carpenter.  
Alls, Charles E., 118 Cedar street, Optician.  
Amee, Albert F., 17 Russell street, Stationer.  
Anderson, Guy R., 52 Glen street, Salesman.  
Anderton, Walter E., 87 Highland road, Clerk.  
Andrews, Francis H., 27 Knowlton street, Brakeman.  
Andrews, Horace W., 172 Broadway, Builder.  
Andrews, John, 34 Albion street, Agent.  
Appel, Charles A., 45 Willow avenue, Office manager.  
Appley, Josiah H., 40 Brastow avenue, Gas fitter.  
Armstrong, David B., 25 Lincoln avenue, Plumber.  
Arnold, E. Olney, 56 School street, Carpet cleaner.  
Arrington, William F., 37 Walnut street, Proof reader.  
Ashton, Albert C., 33 Columbus avenue, Treasurer.  
Ashworth, Fred N., 104 Cross street, Manufacturer.  
Atkins, Henry M., 41 Bay State avenue, Messenger.  
Atkinson, Thomas, 69 Highland road, Insurance supt.  
Attwood, J. Lorenzo, 12 Park avenue, Bookkeeper.  
Atwater, George W., 1 Avon street, Foreman.  
Atwood, Horace F., 38 Windsor road, Accountant.  
Austin, Fred C., 114 Josephine avenue, Compositor.  
Avery, J. Edward, 55 Derby street, Clerk.  
Ayer, Fred C., 157 Highland avenue, Lumber dealer.  
Aylward, William P., 5 Cameron avenue, Grocer.

### B

Babb, Nathaniel F., 193 School street, Salesman.  
Babcock, Cyrus W., 23 Chandler street, Box maker.  
Bacon, Fred C., 78 Marshall st., Gents' furnishings dealer.  
Baier, Fred J., 7 Shawmut place, Electrician.  
Baird, James E., 454-A Medford street, Milk dealer.  
Baker, Charles T., 93 Munroe street, Upholsterer.  
Baker, Jacob, 38 Pritchard avenue, Paperhanger.  
Baker, Nicholas, 9 Bedford street, Cooper.  
Baldwin, Edwin C., 83 Curtis street, Bookkeeper.



Ballou, George A., 49 School street, Baker.  
Bancroft, Edward A., 31 School street, Barrel dealer.  
Barber, William L., 36 Marshall street, Clerk.  
Barber, William M., 82 Munroe street, Inventor.  
Barker, Albert H., 10 Cherry street, Butter dealer.  
Barker, Edgar C., 12 Ellsworth street, Manager.  
Barker, James A., 140 School street, Clerk.  
Barnard, Alexander G., 209 Willow avenue, Messenger.  
Barnes, Edmund K., 77 Lexington avenue, Druggist.  
Barnes, Frank, 24 Milton street, Box manufacturer.  
Baron, Benjamin F., 7 Quincy street, Machinist.  
Barr, George S., 27 Electric avenue, Salesman.  
Barstow, William N., 37 Francesca avenue, Salesman.  
Bartlett, George E., 5 North Union street, Machinist.  
Barton, George S., 18 Dana street, Designer.  
Batchelder, George W., 20 Madison street, Foreman.  
Bateman, Charles R., 1228 Broadway, Driver.  
Bateman, Louis O., 72 Highland road, Shoe clerk.  
Bates, Roscoe E., 34 Jay street, Engineer.  
Baxter, Charles H., Jr., 1 Thurston street, Clerk.  
Bean, Gerard D., 136 Lowell street, Bookkeeper.  
Bean, John D., 3 Lincoln street, Teamster.  
Beaudet, Edward P., 1 Chester avenue, Clerk.  
Beckley, Henry F., 221 Morrison avenue, Salesman.  
Beckman, Frank W., 36 Stone avenue, Clerk.  
Belcher, Albert W., 57 Highland rd., Traveling salesman.  
Belden, Lawrence A., 40 School st., Gents' fur. dealer.  
Belding, Oscar H., 182 Highland avenue, Builder.  
Bell, Charles A., 53 Avon street, Brush maker.  
Bellows, George M., 611 Broadway, Piano salesman.  
Belt, Robert M., 51 Curtis street, Superintendent.  
Bennett, Daniel J., 37 Stone avenue, Harness maker.  
Bennett, George H., 15 Pritchard avenue, Machinist.  
Bennett, Herbert E., 11 Charnwood road, Heating eng.  
Bent, J. Fletcher, 51 Hall avenue, Clerk.  
Bentley, George W., 19 Adams street, Com. merchant.  
Benway, Charles H., 66 Fremont st., Real estate agent.  
Benwell, Harry A., 103 Hancock street, Stenographer.  
Berglund, John E., 53 Dickinson street, Machinist.  
Berry, Andrew C., 6 Centre street, Engraver.  
Berry, Arthur W., 53 Hudson street, Builder.  
Berton, John F., 154 Morrison avenue, Painter.  
Bertwell, Henry P., 20 Cameron avenue, Conductor.  
Beverly, Charles H., 204 School street, Clerk.  
Bigley, William J., 157 College avenue, Merchant.  
Billings, George A., 75 Willow avenue, Collector.  
Bishop, Thomas J., 70 Flint street, Expressman.  
Bishop, William F., 20 Wheeler street, Bookkeeper.  
Blair, John H., 54 Gilman street, Bookkeeper.  
Blake, Charles S., 19 Banks street, Jeweler.  
Blake, Frank R., 21 Derby street, Machinist.  
Blanchard, C. Frederick, 2 Curtis ave., Real estate agent.  
Bliss, Winthrop R., 66 Putnam st., Life insurance agent.  
Blondell, Richard A. L., 82 Pearson avenue, Foreman.  
Bolton, Harry P., 10 Crescent street, Expressman.  
Bond, Percy C., 18 Summit avenue, Builder.  
Boodry, George R., 26 Josephine avenue, Stereotyper.  
Booth, William G., 51 College avenue, Designer.  
Bossey, Thomas F., 111 Elm street, No occupation.  
Bosworth, James D., 9 Teele avenue, Electrician.  
Bosworth, William H., 10 Powder House ter., Adv. mgr.

Boulter, Joseph B., 11 Bigelow street, Foreman.  
Bourne, Phillips P., 191 Summer street, Engineer.  
Boutillier, Ernest G., 41 Ash avenue, Clerk.  
Bowdren, Michael J., 39 Maple street, Nurse.  
Bowker, Frank P., 31 Avon street, Clerk.  
Bowlby, James L., 3 Harvard place, Teamster.  
Bowman, F. Elmore, 65 Pearson avenue, Optician.  
Boyce, Joseph P., 78 Liberty avenue, Cigar dealer.  
Boyd, Everett W., 147 Powder House boul., Salesman.  
Boyer, Charles W., 50 Highland avenue, Draughtsman.  
Boyer, George R., 29 Wigglesworth street, Builder.  
Brack, Frederick, 33 Cambria street, Insurance agent.  
Brackett, Harry E., 6 Campbell Pk. pl., Carriage salesman.  
Bradbury, John J., 52 Adams street, Wholesale provisions.  
Bradley, Daniel A., 67 Beacon street, Piano finisher.  
Brady, George E., 318 Somerville avenue, Confectioner.  
Branagan, James, 62 Dane street, Produce dealer.  
Brastow, George K., 162 Summer street, Clerk.  
Braxton, Robert S., 38 Glen street, Teamster.  
Breck, Walter W., 79 Thurston street, Bookkeeper.  
Bremner, John A., 49 Bow street, Picture frame mfr.  
Brewer, George C., 170 Summer street, Cigar salesman.  
Bridges, Allie C., 17 Glendale avenue, Electrician.  
Briggs, J. Albion, 59 Vinal avenue, Real estate agent.  
Brigham, Edmond F., 10 Cherry st., Furniture salesman.  
Brigham, Walter J., 37 Charnwood road, Collector.  
Brine, Charles F., 36 Columbus avenue, Tailor.  
Brine, Henry C., 21 Greene street, Dry goods dealer.  
Broadhead, William H., 86 School street, Locksmith.  
Brock, John F., 9 Ossipee road, Produce dealer.  
Brodil, William A., 277-A Highland avenue, Tailor.  
Brown, Burton S., 706 Broadway, Bookkeeper.  
Brown, C. Leonard, 38 Wallace street, Civil engineer.  
Brown, Duncan, 23 Cedar street, Printer.  
Brown, Fred R., 258 Broadway, Expressman.  
Brown, George E., 14 Grand View avenue, Salesman.  
Brown, Linwood G., 4 Taunton street, Carpenter.  
Brown, Lyman H., 42 Columbus ave., Livery stable kpr.  
Brown, William C., 26 Central street, Builder.  
Brown, William I., 67 Boston street, Treasurer.  
Brownlee, Edward J., 34 Ash avenue, Shipper.  
Brownville, Edwin A., 20 Hall street, Shipper.  
Bruneau, Eugene, 4 Putnam street, Photographer.  
Bryant, Oliver S., 144 Medford street, Weigher.  
Buchert, L. Philip, 42 Victoria street, Superintendent.  
Bucknam, William E., Jr., 99 Hudson street, Mason.  
Buffum, Charles F., 21 Hudson street, Cutter.  
Bullard, Elijah C., 243-A Highland ave., Superintendent.  
Bullard, Walter H., 22 Stickney avenue, Grocer.  
Burbank, Ernest W., 93 Hudson street, Yard master.  
Burbank, Monroe A., 9 Autumn street, Butter dealer.  
Burckes, Arthur L., 20 Sargent avenue, Clerk.  
Burgess, Sterns W., 36 Rogers avenue, Electrician.  
Burgess, William H., 38 Cambria street, Bond salesman.  
Burke, James E., 41 Derby street, Com. merchant.  
Burnham, Arthur W., 66 Rogers avenue, Bookkeeper.  
Burns, Paul S., 53 Willow avenue, Insurance clerk.  
Burroughs, Edwin F., 24 Park avenue, Clerk.  
Burrows, Joseph C., 18 Gibbens street, Dentist.  
Burtnett, Eugene A. F., 39 Ware street, Bookkeeper.  
Burton, Walter, 2 Homer square, Artist.

Butler, Hervey L., 103 Bartlett street, Jeweler.  
 Butler, James A., 162 Lowell street, Real estate agent.  
 Butters, Charles S., 51 Church street, Provision dealer.  
 Butters, Harold A., 48 Putnam street, Salesman.  
 Butterworth, Charles E., 122 Holland street, Bookkeeper  
 Butterworth, Elwell R., 44 Benton road, Manager.  
 Buttimer, Maurice, 351 Lowell street, Contractor.  
 Buzzell, James H., 261 Willow ave., Stenog. and clerk.  
 Byrns, Ernest H., 67 Walnut street, Photographer.

## C

Cade, Harry F., 14 Cottage avenue, Musician.  
 Cadwallader, Thomas J., 3 Lawson terrace, Clerk.  
 Cahalan, Charles W., 89 Heath street, Master plumber.  
 Cahoon, Benjamin B., 46 Mystic avenue, Telephone mgr.  
 Callaghan, Thomas J., 39 Poplar street, Yard master.  
 Callow, John R., 42 Concord avenue, Car inspector.  
 Cameron, George B., 170 Powder House boul., Carpenter.  
 Cameron, John L., 343 Highland avenue, Printer.  
 Campbell, Henry F., 414 Medford street, Advertising mgr.  
 Campbell, William J., 19 Putnam street, Machinist.  
 Cann, Albert T., 38 Craigie street, Provision dealer.  
 Cannon, Joseph J., 25 Shawmut street, Salesman.  
 Card, Frederick L., 243 Pearl street, Provision dealer.  
 Carey, Alfred E., 19 Newbury street, Carriage painter.  
 Carlton, Fred I., 100 Porter street, Pattern maker.  
 Carmody, Eugene M., 383 Medford street, Salesman.  
 Carney, John M., 12 Windsor road, Stenographer.  
 Carpenter, Adelbert B., 58 Central st., Butter salesman.  
 Carpenter, Albert Q., 7 Sargent avenue, Salesman.  
 Carpenter, Allen F., 22 Laurel street, Grocer.  
 Carpenter, George O., 62 Highland avenue, Salesman.  
 Carr, Charles H., 97 Rogers avenue, Composer.  
 Carr, Eugene P., 18 Benton road, Mfg. jeweler.  
 Carr, Fred M., 12 Westwood road, Mfg. jeweler.  
 Carr, Roy W., 130 College avenue, Confectioner.  
 Carr, William R., 26 Fairmount ave., Real estate agent.  
 Carrick, Samuel P., 271 Medford street, Editor.  
 Carter, Horace C., 123 Walnut street, Musician.  
 Cartwright, William N., 262 Broadway, Agent.  
 Carvill, Sewell A., 28 Highland avenue, Clerk.  
 Caseau, Charles H., 17 Charnwood rd., Ornamental ptr.  
 Cass, Frank L., 35 Montrose street, Brakeman.  
 Castleman, James T., 35 Laurel st., Lodging house kpr.  
 Caton, Albertiss M., 189 School street, Manager.  
 Chamberlain, Henry M., 43 Franklin st., Insurance agent.  
 Chamberlin, Horace A., 35 Willow avenue, Salesman.  
 Chandler, Leonard B., 45 Jaques street, Milk dealer.  
 Chapin, Alonzo B., 11 Mystic street, Collector.  
 Chapin, Hiram O., 44 Dover street, Com. merchant.  
 Chapman, Amasa L., 63 Flint street, Engineer.  
 Chase, Charles H., 63 Park street, Distiller.  
 Chase, Washington I., 85 Vine street, Distiller.  
 Cheeney, Clinton L., 38 Berkeley street, Confectioner.  
 Cheetham, Samuel, 608 Broadway, Machinist.  
 Cheever, Albert S., 6 Aldersey street, Division supt.  
 Cheney, Frederick E., 11 Oakland avenue, Grocer.  
 Chester, Marshall F., 186 Willow avenue, Wood turner.  
 Chickering, William H., 15 Evergreen avenue, Clerk.



Childs, John E. M., 75 Josephine avenue, Retail salesman.  
Chipman, Frank E., 160 North street, Mechanical eng.  
Chisholm, Robert A., 35 Cutter street, Blacksmith.  
Choate, Melville E., 63 Walnut street, Clerk.  
Christie, Alexander B., 159 Glen street, Truckman.  
Christie, Trott K., 22 Oliver street, Teamster.  
Church, Albert A., 217 School street, Printer.  
Churchill, Edsyl, 37 Church street, Freight handler.  
Clapp, George H., 35-A Franklin street, Foreman.  
Clark, Alfred B., 22 Ames street, Shoe salesman.  
Clark, Charles W., 21 Westminster street, Shipper.  
Clark, George W., 65 Central street, Cruller mfr.  
Clarke, George B., 31 Berkeley street, Electrotyper.  
Clarke, Wilbur S., 40 Vinal avenue, Bookkeeper.  
Clayton, George H., 60 Mt. Vernon street, Carpenter.  
Clement, Otis S., 35 Marshall street, Clerk.  
Clifford, Rupert F., 54 Willow avenue, Tea blender.  
Clough, Warren A., 64 Church street, Pattern maker.  
Coan, Thomas S., 18 Fremont street, Bookkeeper.  
Coffin, Clarence D., 67 Hall avenue, Builder.  
Colby, Alfred E., 128 Powder House boul., Bookkeeper.  
Colby, Walter E., 11 Ossipee road, Reporter.  
Colcord, Albert P., 19 Pritchard avenue, Clerk.  
Cole, Herbert A., 34 Pearl street, Driver.  
Cole, Ivory F., 29 Raymond avenue, Carpenter.  
Coliten, Edward J., 87 Linwood street, Grocer.  
Collieson, Clarence E., 19 Park avenue, Leather dealer.  
Collins, John D., 22 Vine street, Mason.  
Colman, Charles W., 151 Central street, Architect.  
Comfort, James J., 9 Hammond street, Car conductor.  
Comstock, Milo M., 9 Burnside ave., Confectionery sales.  
Conant, Clarence T., 147 Hudson street, Milkman.  
Concannon, John H., 50 Joy street, Produce dealer.  
Condit, Fred H., 255 Medford street, Musician.  
Conlon, Bernard, 27 Marion street, Laborer.  
Connor, Michael J., 10 Columbus avenue, Tailor.  
Cook, Forrest D., 301 Highland avenue, Reporter.  
Copithorne, John, 81 School street, Carpenter.  
Corbett, William J., 315-A Summer st., Asst. paymaster.  
Corliss, Charles H., 36 Greenville street, Butter dealer.  
Corner, Frank B., 19 Highland road, Salesman.  
Corwin, Charles J., 195 Highland avenue, Trav. auditor.  
Corwin, Charles R., 169 Summer street, Poultry dealer.  
Couch, William H., Jr., 23 Rogers avenue, Clerk.  
Countway, Francis A., 23 Robinson st., Mgr. and treas.  
Cousens, Elmer E., 21 Prospect Hill avenue, Bookkeeper.  
Cowan, John F., 332 Summer street, Typesetter.  
Cox, Edgar M., 303 Washington street, Verifier.  
Cox, Frank H., 21 Wheatland street, Artist.  
Cragie, Frank G., 16 Sycamore street, Electrician.  
Cram, Everett L., 50 Banks street, Electrician.  
Cremen, John W., 69 Oxford street, Janitor.  
Crenner, Bartlett P., 61 Adams street, Leather dealer.  
Cserie, Fred R., 418-A Medford street, Foreman.  
Crispin, Andrew H., Jr., 31 Chandler street, Carpenter.  
Crocker, Charles F., 42 Curtis street, Grocer.  
Crocker, Lancis S. J., 19 Church street, Teamster.  
Cromwell, Joseph H., 148 Lowell street, Ship chandler.  
Crosby, Charles E., 25 Sewall street, Fish dealer.  
Crosby, Ernest R., 29 Hudson street, Bookkeeper.  
Cross, John A., 10 Lee street, Bookkeeper.



Crothers, Leon H., 29 Albion street, Shipper.  
 Crotty, William B., 466 Somerville avenue, Grocer.  
 Crowell, Albert F., 53 Rogers avenue, Bookkeeper.  
 Crowell, Austin, 22 Walnut street, Tailor.  
 Crowley, Cutler C., 85 Benton road, Printer.  
 Crowley, Albert G., 387 Medford street, Clerk.  
 Cuddy, Charles F., 53 Cherry street, Instructor.  
 Cudworth, Frank N., 29½ Alston street, Fireman.  
 Cummings, Cecil H., 19 Robinson st., Fruit & produce dlr.  
 Cummings, J. Edward, 80 Holland street, Machinist.  
 Cunningham, Thomas A., 60 Beacon street, Grocer.  
 Currie, Richard, 35 Windsor road, Insurance agent.  
 Cutler, Alfred M., 234 Medford street, Clerk.  
 Cutler, Frank E., 44 Walnut street, Painter.  
 Cutter, Frederic R., 64 Vinal avenue, Jeweler.  
 Cutter, Irving R., 7 Cutter park, Insurance agent.

### D

Dadmun, Henry H., 48 Oxford street, Salesman.  
 Dadmun, Leon E., 97 Morrison avenue, Photographer.  
 Dainty, Henry, 216 School street, Agent.  
 Dalton, James H., 22 Powder House terrace, Grocer.  
 Dalton, Warren L., 78 Bay State avenue, Treasurer.  
 Dame, Levi A., 64 Putnam street, R. E. and insur. agent.  
 Damon, Ellis H., 50 Hudson street, Bookkeeper.  
 Danforth, George E., 149 Lowell street, Clerk.  
 Daniels, Harry F., 21 Munroe street, Clerk.  
 Daniels, William E., 88 Munroe st., Shade manufacturer.  
 Darby, Frederick C., 48 Mystic avenue, Foreman.  
 Dardis, John F., 307 Washington street, Polisher.  
 Darling, Henry W., 3 Cameron avenue, Bookkeeper.  
 Davenport, Howard H., 85 Munroe street, Asst. supt.  
 Davis, Albert I., 35 Fairmount avenue, Bookkeeper.  
 Davis, Edward A., 9 Holt avenue, Sail maker.  
 Davis, George E., 82 Munroe street, Bookkeeper.  
 Davis, George M., 20 Arthur street, Mason and builder.  
 Davison, George Melville, 59 Victoria street, Steam fitter.  
 Dawson, Howard, 70 Albion street, Clerk.  
 Day, Eugene H., 39 Hudson street, Machinist.  
 Dayton, Francis A., 456 Somerville avenue, Collector.  
 Dean, Clarence H., 26 Lowden avenue, Shipper.  
 DeCoster, Alvah V., 43 Lowell street, No occupation.  
 Dedrick, Clarence H., 94 Josephine avenue, Clerk.  
 Deering, Frank B., Jr., 24 Moreland street, Clerk.  
 Delano, Charles Stuart, 22 Oxford street, Grocer.  
 Delay, James, 48 Beacon street, Florist.  
 Dellea, John J., 26 Otis street, Driver.  
 Delorme, George F., 29 Trull street, Nickel plater.  
 Dennett, John M., 23 William street, Stable keeper.  
 Dennett, William H., 20 Lovell street, Salesman.  
 Denvir, William E., 197 Summer street, Shipper.  
 Despeaux, George W., 51 Craigie street, Telephone col.  
 DeWinter, Henry P., 14 Avon street, Salesman.  
 Dick, David, 36 Newbury street, Sawyer.  
 Dickey, William E., 33 Bromfield road, Clerk.  
 Dillaby, Charles P., 96 Munroe street, Draftsman.  
 Dillon, Eli T., 11 Grand View avenue, Bookkeeper.  
 Dinsmore, Fred C., 8 Arthur street, Grain dealer.

Dion, Francis M., 144 Willow avenue, Fruit salesman.  
 Ditchfield, Charles L., 6 Gilson terrace, Casket trimmer.  
 Dobinson, William J., 22 Greene st., Photo engraver.  
 Dodge, Edwin G., 21 Benedict street, Photographer.  
 Dodge, William H., 8 Walter place, Manager.  
 Doherty, Bernard A., 11 Crocker street, Bookkeeper.  
 Doherty, Cornelius A., 75 Cross street, Milk dealer.  
 Dolben, William H., 5 Ossipee road, Mechanical engineer.  
 Dolleris, Neils A., 18 Thorndike st., Automobile repairer.  
 Dolliver, Edwin C., 176 Summer street, Merchant.  
 Donaldson, Charles A., 23 Hall avenue, Engineer.  
 Donnell, Eugene D., 112 Packard avenue, Clerk.  
 Donovan, James J., 84 Newton street, Candy maker.  
 Dooling, David H., 306 Washington street, Painter.  
 Doten, Herbert W., 115 Glenwood road, Furniture dealer.  
 Dougherty, John E., 7 Oak street, Shipper.  
 Douglas, Charles E. M., 144 Lowell street, Salesman.  
 Dowd, Thomas, 50 Fellsway West, Plasterer.  
 Downer, Frank O., 181 Medford street, Railroad police.  
 Downing, John L., 22 Hamlet street, Shipper.  
 Doyle, Edgar W., 29 Berkeley street, Clerk.  
 Drake, George H., 74 Walnut street, Traveling agent.  
 Dresser, George H., 193 School street, Superintendent.  
 Drew, Frank M., 56 College avenue, Foreman.  
 Drinkwater, Frank M., 872 Broadway, Salesman.  
 Driscoll, James F., 17 Cambria street, Machinist.  
 Drouet, E. Charles, 66 Walnut street, Real estate dealer.  
 Duncan, John, 2 Brastow avenue, Manufacturer.  
 Dunham, George J., 365 Broadway, Automobile dealer.  
 Dunham, Marshall W., 365 Broadway, Bicycle dealer.  
 Dustin, Harry N., 40 Church street, Clerk.  
 Dykeman, William A., 60 Marshall street, Architect.

## E

Eames, Henry H., 11 Chapel street, Machinist.  
 Eastman, Ulysses G., 53 Pritchard avenue, Carpenter.  
 Eaton, Arthur W., 12 Westminster street, Clerk.  
 Edmands, John S., 15 Central street, Architect.  
 Edmond, George A., 10 Wesley street, Machinist.  
 Edwards, Edward H., 10 James street, Chiropodist.  
 Egerton, Charles S., 63 Boston street, Cigar dealer.  
 Eldridge, Charles W., 460 Broadway, Tinsmith.  
 Elkins, John F., 142 Medford street, Contractor.  
 Elliot, Charles J., 59 Oxford street, Civil engineer.  
 Elliott, George E., 103 Glenwood rd., Assessor and sales.  
 Elliott, Waldo F., 162 Walnut street, Storehouse manager.  
 Elston, Abraham A., 25 Preston road, Contractor.  
 Emerson, William J., 104 Broadway, Boot & shoe dealer.  
 Emery, Allen A., 71 Gilman street, Butter salesman.  
 Emery, George W., 27 Albion street, Draughtsman.  
 Estey, Clarence A., 30 Tufts street, Railroad clerk.  
 Esty, Austin S., 203 School street, Manager.

## F

Fallen, John F., 7 Beach avenue, Junk dealer.  
 Farmer, Luke W., 92 Thurston street, Com. merchant.  
 Farnham, Charles E., 16 Grand View avenue, Clerk.

Farwell, Ruleffe H., 92 Central street, Pressman.  
 Fellows, J. William, 56 Hall avenue, Clerk.  
 Felt, Irwin S., 36 Bay State avenue, Lunch room prop.  
 Fenno, Edwin H., 45 Hancock street, Accountant.  
 Fillebrown, Arthur M., 15 Buckingham street, Machinist.  
 Finney, Nathaniel G., 632 Somerville avenue, Painter.  
 Fisher, Edgar M., 14 Stickney avenue, Salesman.  
 Fitch, Nathan H., 21 Wheeler street, Grocer.  
 Fitz, Charles E., 43 Thurston street, Bookkeeper.  
 Flagg, Charles A., 24 Gibbens street, Salesman.  
 Flaherty, Francis E., 261 Washington street, Undertaker.  
 Flaherty, James P., 45 Everett avenue, Junk dealer.  
 Fletcher, John E., 81 Walnut street, Collector.  
 Flynn, Dennis F., 67 Dane street, Upholsterer.  
 Flynn, William P., 31 Linden street, Machine helper.  
 Ford, Charles S., 11 Grove street, Canvasser.  
 Fosdick, Herbert W., 17 Grand View avenue, Collector.  
 Foster, Douglass B., 22 Dana street, Tea dealer.  
 Foster, Elmer E., 10 Broadway place, Fireman.  
 Foster, John B., 66 Irving street, Artist.  
 Fowler, Harris H., 65 Cross street, Elevator constructor.  
 Fox, John, 28 Linden street, Laborer.  
 Frink, William A., 5 Irving street, Undertaker.  
 Frye, Daniel M., 222 Highland avenue, Secretary.  
 Fudge, Edward J., 334 Somerville avenue, Undertaker.  
 Fuller, Walter I., 37 Hancock street, Electrician.  
 Fulton, David, 599½ Somerville avenue, Laborer.

## G

Gary, Joseph E., 86 Irving street, Broker.  
 Gay, Frederick, 10-R Boston street, Expressman.  
 Geary, John J., 41 Lake street, Tile man.  
 Geary, Patrick J., 41 Lake street, Clerk.  
 Gill, William T., 1 Dell street, Undertaker.  
 Gillette, Hiram A., 72 College avenue, Clerk.  
 Gillis, Daniel B., 27 Willow avenue, Builder.  
 Gleason, Haskell W., 206 School street, Fruit dealer.  
 Glidden, George A., 11 Marshall street, Salesman.  
 Glines, Arthur W., 142 Powder House boul., Salesman.  
 Goddard, Edward A., 19 Jay street, Clerk.  
 Goddard, William L., 30 Chandler street, Clerk.  
 Godey, Frederick C., 4 Ivaloo street, Roofer.  
 Gooding, Henry H., 21 Webster street, Clerk.  
 Gordon, Arthur C., 58 Beech street, Sign painter.  
 Gordon, Huntlie, 51 Holyoke road, Public accountant.  
 Goss, William E., 30 Oxford street, Draughtsman.  
 Gould, Charles H., 41 School street, Bookkeeper.  
 Graham, Robert C., 29 Greene street, No occupation.  
 Graham, Samuel, 299 Broadway, Machinist.  
 Graves, David B., 17 Rogers avenue, Clothing dealer.  
 Green, Bernard J., 250-A Somerville avenue, Mason.  
 Green, J. Rush, 11 Cambria street, Mfr. interior finish.  
 Greenough, John L., 19 Vernon street, Conductor.  
 Grieves, William W., 57 Dartmouth street, Bank clerk.  
 Griffin, Edward L., 21 Webster avenue, Clerk.  
 Grover, George A., 10 Belmont place, Special officer.  
 Grover, Nelson H., 26 Oxford street, Advertising agent.  
 Grozier, William A., 63 College avenue, Newspaper mgr.



Guild, Julius J., 325 Washington street, Salesman.  
Gurnham, Thomas, 36 Hancock street, News dealer.  
Gustin, George O., 922 Broadway, Salesman.

**H**

Hackett, James A., 20 Atherton street, Telegrapher.  
Hadley, Arthur D., 46 Pearl street, Musician.  
Hadley, Freddell O., 30 Conwell avenue, Wood worker.  
Hadley, Walter M., 24 Hathorn street, Real estate agent.  
Hagen, Edward A., 210 Somerville avenue, Glass maker.  
Hale, Ezra, 73 Park street, Wagon manufacturer.  
Haley, Fred, 41 Greenville street, Insurance agent.  
Hall, Harley E., 22 Pleasant avenue, Stable keeper.  
Hall, William A., 9 Veazie street, Expressman.  
Ham, Arthur E., 99 Belmont street, Salesman.  
Hancock, Edward, 272 Highland avenue, Butter salesman.  
Harrington, Nathan B., 7 Bolton street, Clerk.  
Hartwell, Haywood, 77 Munroe street, Carpenter.  
Hartwell, Walter C., 15 Kenwood street, Bookkeeper.  
Haskell, Albert L., 60 Putnam street, Job printer.  
Hatch, Arthur E., 46 Browning road, Manager.  
Hayward, John G., 5 Windom street, Insurance agent.  
Hayward, Webster G., 38 Cambria st., Insurance agent.  
Heacox, Dwight C., 45 Springfield street, Machinist.  
Heintz, George, 36 Hudson street, Casket manufacturer.  
Hersey, Charles H., 6 Dartmouth street, Clerk.  
Higgins, Byron E., 243 School street, Mason.  
Higgins, Solomon S., 158 Summer st., Real estate agent.  
Hill, Arthur B., 17 Norwood avenue, Musician.  
Hinckley, William V. T., 10 Monmouth street, Clerk.  
Hines, Alfred H., 9 Preston road, Mason.  
Hodge, Charles W., 26 Billingham street, Bookkeeper.  
Hodgkins, Edward S., 139 Orchard street, Clerk.  
Hoit, Edward P., 275 Highland avenue, Produce dealer.  
Holland, Charles J., 30 Aldrich street, Paper hanger.  
Holland, William L., 30 Aldrich street, Printer.  
Holmes, Frank H., 29-A Veazie street, Plumber.  
Holmes, Samuel, 49 Thurston street, Poultry salesman.  
Holt, Harry, 108 Porter street, Carpenter.  
Hood, Charles H., 2 Benton road, Milk contractor.  
Horton, Charles P., 22 Everett avenue, Janitor.  
Houdlette, Horace A., 33 Everett avenue, Salesman.  
Houley, Patrick F., 65 Springfield street, Provision dealer.  
Howard, Eugene P., 11 Hall avenue, Salesman.  
Howard, J. Walter, 330 Broadway, Florist.  
Hunnewell, William A., 23 Milton street, Coal dealer.  
Hunt, Charles E., 28 Brook street, Clerk.  
Hunt, John T., 28 Brook street, Clerk.  
Hunt, Warren F., 236 Highland avenue, Clerk.  
Hunter, William H., 11 Sycamore street, Glass engraver.  
Hurley, James F., 229 Tremont street, Glass blower.  
Hurn, George F., 7 Oakland avenue, Carpet cleaner.  
Huse, A. Alonzo, 7 Tower street, Bookkeeper.

**I**

Ingham, John S., 27-B Summer street, Clerk.  
Ireland, George H., 28 Appleton street, Blacksmith.  
Irish, Fred D., 3 Dartmouth street, Salesman.



**J**

Jackson, George W., 8 Hall street, Brush maker.  
 Jameson, Robert, 22 Bowdoin street, No occupation.  
 Jansson, Augustus L., 102 Wallace street, Illustrator.  
 Jaques, Otis A., 66 Boston street, Fruit dealer.  
 Jennings, George W., 60 Central street, Clerk.  
 Jensen, James A., 21 Meacham street, Freight conductor.  
 Jerauld, Frank, 29 Aldrich street, Artist.  
 Jones, Charles E., 154 Pearl street, Carriage maker.  
 Jones, Walter C., 157 Willow avenue, Artist.  
 Joslyn, Will C., 37 Banks street, Salesman.  
 Joy, Alden B., 36 Ibbetson street, Carpenter.  
 Junkins, Leander D., 5 Billingham st., Designer & Invtr.

**K**

Kane, William A., 34 Ash avenue, Tinsmith.  
 Kaulback, Sumner T., 34 Highland road, Foreman.  
 Kauler, Charles E., 27 Gilman st., Undertaker's assistant.  
 Kearney, Edward S., 53 Mansfield street, Sawdust dealer.  
 Kearney, John J., 6 Charlestown street, Clerk.  
 Keay, Fred E., 153 College avenue, Editor.  
 Keegan, Dominick F., 15 Ibbetson st., Foreman printer.  
 Keith, Simeon C., Jr., 20 Highland avenue, Bacteriologist.  
 Kelley, Isaac S., 22 Electric avenue, Cashier.  
 Kelley, William M., 17 Merriam street, Clerk.  
 Kendall, Jones B., Jr., 7 Bowers avenue, Milk dealer.  
 Kenneson, Charles A., 176 Walnut street, Stor. w. h. kpr.  
 Kenney, James, 4 Concord avenue, Carpenter.  
 Kidder, Andrew M., 10 Summit avenue, No occupation.  
 Kidder, Herbert A., 26 Warner street, Cashier.  
 Kiley, Patrick J., 15 Mystic street, Wheelwright.  
 King, Charles E., 69 Beacon street, Coachman.  
 Kinney, Edgar L., 92 Sycamore street, Bookkeeper.  
 Kirby, Michael, 315 Washington street, Laborer.  
 Kneeland, William B., 9 Greene street, Freight solicitor.  
 Knight, William E., 425 Norfolk street, Watchman.  
 Knowles, Benjamin H., 15 Parker st., Hat manufacturer.  
 Knowles, Zoeth R., 52 Putnam street, Printer.  
 Knowlton, Edward B., 75 Hancock street, Pattern maker.  
 Knox, Waldo H., 19 Hancock street, Salesman.

**L**

Lacount, Eugene D., 34 Day street, Salesman.  
 Lambert, Frank S., 10 Cross street, Painter.  
 Land, Lawrence P., 60 Marshall street, Carpenter.  
 Landers, Arthur C., 218 Summer street, Bookkeeper.  
 Lapham, F. DeWitt, 3 Hathorn st., R. E. and insurance.  
 Lavey, John T., 7 Belmont street, Pork packer.  
 Lawrence, Bernard W., 289 Highland av., Produce dealer.  
 Lawrence, George B., 53 Bay State avenue, Slate dealer.  
 Lawson, Peter P., 101 Summer street, Machinist.  
 Leavitt, Frank W., 468 Somerville avenue, Carriage mfr.  
 LeCount, Frederick R., 7 Dartmouth st., No occupation.  
 Lennan, William M., 60 Prescott street, Clerk.  
 Leonard, Eugene C., 65 Adams street, Tailor.

Lewis, Dennis J., 14 Benedict street, Plumber.  
 Libbey, Albion H., 152 Powder House boul., Salesman.  
 Libbey, Moulton C., 7 Jay street, Jeweler.  
 Liddell, William, 32 Cedar street, Pattern maker.  
 Lillie, Nathaniel W., 446 Medford st., Purchasing agent.  
 Lincoln, Rollin T., 34 Benton road, Clerk.  
 Litchfield, J. Warren, 181 Broadway, Milk dealer.  
 Littlefield, Samuel T., 321 Broadway, No occupation.  
 Locke, Theodore H., 53 Central street, Clerk.  
 Lomasney, John E., 7 Maple avenue, Produce dealer.  
 Lombard, Richard J., 16 Evergreen avenue, Teamster.  
 Lorentzen, Henry, 101 Rogers avenue, Lock expert.  
 Loud, Clarence W., 45 Hudson street, Salesman.  
 Lovejoy, George S., 167 Highland avenue, Wharfinger.  
 Loveland, Charles M. N., 898 Broadway, Stenographer.  
 Lovering, Edward P., 181 Medford street, Mason.  
 Lovering, Everett L., 21 Bradley street, Musician.  
 Lowell, George E., 102 Walnut st., Livery stable keeper.  
 Lund, John C., 13 Cutter street, Shipper.  
 Lundergan, James W., 40 Dickinson street, Milkman.

### M

Macdonald, John W., 143 Walnut street, Salesman.  
 Makant, Robert, 40 School street, Engraver.  
 Mann, Alfred E., 75 Washington street, Undertaker.  
 Mansfield, Wilbur F., 773 Broadway, Real estate agent.  
 Marchant, Albert L., 92 Vine street, Barber.  
 Marsh, William H., 27 Cutter street, Teamster.  
 Marshall, John A., 153-A Willow avenue, Salesman.  
 Martin, John P., 56-S Walnut street, Salesman.  
 Martin, John W., 16 Montgomery avenue, Foreman.  
 Martin, Lewis R., 34 Grant street, Teamster.  
 Martinson, William H., 10 Boston street, Engineer.  
 Mason, Seth, 5 Walnut street, Advertising agent.  
 Maynard, Fred L., 30 Ames street, Provision dealer.  
 Mayo, Francis L., 17 Clark street, Bill poster.  
 Mayo, Wallace J., 36 Putnam street, Electrician.  
 McAllister, William H., 23 Wallace street, No occupation.  
 McAskill, Scyrene B., 6 Bow street, Candy dealer.  
 McCarty, John J., 13 Knowlton street, Charcoal dealer.  
 McCullough, William, 54 Dane street, Produce dealer.  
 McEleney, William J., 139 Linwood street, Teamster.  
 McFarland, Chester S., 21 Cedar street, Com. merchant.  
 McGann, Thomas F., 45 Putnam street, Brass founder.  
 McGovern, Lawrence J., 9 Concord avenue, Machinist.  
 McGrath, Charles T., 35 Lowell street, Carriage painter.  
 McGrath, Philip J., 23 Appleton street, Printer.  
 McKenna, David W., 7 Chestnut street, Pedler.  
 McKenna, George F., 292 Lowell street, Undertaker.  
 McNamara, William E., 161 Beacon street, Grocer.  
 McQuade, Owen A., 6 Taunton street, Polisher.  
 Mead, Edward C., 18 Summit avenue, Builder.  
 Melvin, Charles F., 25 Farragut avenue, Salesman.  
 Merriam, George S., 6 Essex street, Warehouseman.  
 Merrifield, Fred H., 6 Abdell street, Salesman.  
 Merrill, Ernest W., 40 Harvard street, Bookkeeper.  
 Merrill, Herbert E., 11 Lincoln street, Leather salesman.  
 Merrill, Warren A., 14 Westminster street, Salesman.  
 Messer, Melvin J., 27 Franklin street, Manager.

Miner, Robert A., 56 Chester street, No occupation.  
 Mink, Frank L., Jr., 85 Elm street, No occupation.  
 Molineaux, Michael R., 41 Thorndike street, Com. agent.  
 Moran, William J., 80 Franklin street, Driver.  
 Morang, Arthur C., 157 Lowell street, Clerk.  
 Morrill, Fred L., 18 Arlington street, No occupation.  
 Morrison, Frank E., 23 Brook street, Provision dealer.  
 Morrow, Andrew C., 23 Highland road, Buyer.  
 Morrow, John J., 17 Perry street, Clerk.  
 Morse, Henry H., 27 Hudson street, Merchant.  
 Mullen, James, 24 Wyatt street, Laborer.  
 Mulqueeney, Lot J., 420 Norfolk street, Laborer.  
 Munroe, James A., 70 Myrtle street, Salesman.  
 Murphy, Stephen F., 102 College avenue, Manager.  
 Muzzy, Horace T., 31 Vinal avenue, Draftsman.  
 Myott, William C., 54 Richdale avenue, Hoisting engineer.

# N

Nason, Charles C., 21 Wigglesworth street, Carpenter.  
 Neal, Andrew C., 78 Raymond avenue, Gilder.  
 Newell, Franklin G., 41 Temple street, Machinist.  
 Newsom, James E., 74 Sycamore street, Produce dealer.  
 Newton, Elbridge W., 8 Westwood road, Agent.  
 Nickerson, Benjamin S., 763 Broadway, Broker.  
 Nickerson, John F., 25 Flint street, No occupation.  
 Nickerson, Urban H., 27 Hall avenue, Salesman.  
 Noble, Archibald W., 39 Crocker street, Upholsterer.  
 Northrup, Herbert N., 165 College avenue, Manufacturer.  
 Nowell, Joseph A., 56 Oliver street, Engineer.  
 Noyce, Benjamin C., 28 Glen street, Carpenter.  
 Nute, Alfred D., 329 Highland avenue, No occupation.  
 Nye, Thomas V. B., 51 Cedar street, Salesman.  
 Nyman, Ernest D., 5 Wigglesworth st., Baggage master.

# O

O'Brien, John J., 8 Durham street, Dry goods pedler.  
 O'Brien, Timothy F., 4 Prospect place, Grocer.  
 O'Brien, William, 15 Caldwell avenue, Expressman.  
 O'Brien, William E., 70 Prospect street, Clerk.  
 O'Connell, Henry J., 139 Lowell street, Cigar salesman.  
 O'Connell, Michael, 35 Linwood street, Pedler.  
 O'Day, William, 12 Palmer avenue, Machinist.  
 O'Donnell, Neil, 114 Cross street, Engineer.  
 O'Donnell, Thomas H., 273 Washington st., Apothecary.  
 O'Donoghue, Daniel E., 26 Chandler st., Music teacher.  
 O'Leary, David T., 277 Washington street, Confectioner.  
 O'Neil, John F., 135 Linwood street, Teamster.  
 O'Neil, Michael A., 158 Lowell street, Stock broker.  
 O'Neill, William J., 76 Bonair street, Woolens salesman.  
 O'Shaughnessy, Patrick, 76 Derby street, Milk dealer.  
 Owen, John W., 20 Melvin street, Civil engineer.



**P**

Page, Daniel W., 21-R Webster avenue, No occupation.  
Paine, Robert S., 110 College avenue, Hay dealer.  
Paisley, William, 407 Broadway, Furniture dealer.  
Park, Arthur N., 20 Arlington street, Restaurant prop.  
Parker, Arthur B., 17 Gilman street, Milk dealer.  
Parker, William H., 23 Hall avenue, Salesman.  
Patch, Amos G., 35 Irving street, Produce dealer.  
Pecheur, Augustus F., 7 Merriam street, Glass maker.  
Peck, Henry A., 2 Bigelow street, Printer.  
Perham, Edwin R., 92 Packard avenue, Mining (treas.).  
Perkins, George W., 79 Derby street, Machinist.  
Philbrick, Charles S., 174 Morrison avenue, R. E. agent.  
Phillips, Bernard C., 18 Hillside park, Glass cutter.  
Pickthall, Richard E., 182 Central street, No occupation.  
Pigon, Joseph H., 36 Wallace street, Clerk.  
Plaisted, Arthur I., 17 Franklin street, Electrician.  
Pond, George W., 91 Bay State avenue, Salesman.  
Potter, George B., 14 Crocker street, Produce salesman.  
Potter, Henry K., 5 Arthur street, Carriage manufacturer.  
Pratt, Charles H., 20 George street, Civil engineer.  
Preble, Frederick A., 55 Tennyson street, Bookkeeper.  
Prescott, Albion M., 21 Carlton street, Teamster.  
Preston, T. Franklin, 20 Albion street, Manager.  
Prichard, George W., 16 Fremont street, Teamster.  
Pride, Edwin L., 9 Browning road, Accountant.  
Proctor, Guy H., 175 Summer st., Auto supplies dealer.  
Puffer, Charles, 14 Dartmouth street, Produce dealer.

**Q**

Quinlan, John P., 8 Buckingham street, Driver.

**R**

Ramsdell, Charles H., Jr., 53 Tufts street, Salesman.  
Rand, Fred C., 35 Banks street, General foreman.  
Ray, Frank E., 16 Virginia street, Salesman.  
Ray, George D., 42 Concord avenue, Engineer.  
Raymond, Charles F., 45 Bromfield road, Collector.  
Raynes, Charles E., 108 Packard avenue, Clerk.  
Reynolds, James F., 7 Adams street, Insurance agent.  
Rhodes, Harry L., 84 Highland avenue, Grocer.  
Rich, Isaac, 36 Walnut street, Civil engineer.  
Rich, Sewall M., 381 Medford street, Fish dealer.  
Richards, Frederick L., 127 Summer street, Engineer.  
Richards, George A., 27 Bay State avenue, R. E. agent.  
Richards, William P., 44 Day street, Architect.  
Richardson, George A., 20 Wesley street, Painter.  
Richardson, Herbert S., 41 Columbus avenue, Teamster.  
Richardson, Homer L., 11 Albion street, Compositor.  
Richardson, William C., 15 Franklin street, Clerk.  
Ricker, George E., 27 College avenue, Hotel keeper.  
Rideout, Henry N. W., 7 Howe street, Asst. paymaster.  
Ridler, Parker, 37 Ames street, Salesman.  
Riley, Philip W., 122 Rogers avenue, Printer.  
Rivers, Fred S., 35 Charnwood road, Electrician.  
Roberts, Oliver S., 15 Kidder avenue, Manager.



Robinson, William H., 265 Broadway, Veterinary surgeon.  
 Rogers, Bishop G., 34 Lake street, Bookkeeper.  
 Rogers, John E., 9 Wigglesworth street, Electrician.  
 Ronayne, John, 22½ Tyler street, Laborer.  
 Russell, Arthur J., 5 Beacon street, Printer.  
 Russell, Edmond, 57 Dane street, Mason.  
 Russell, Eugene L., 1196 Broadway, Provision dealer.  
 Ryan, Martin J., 7 Garden court, Bookkeeper.

# S

Sanborn, Charles H., 50 Walnut street, Steam heating.  
 Sanborn, J. Walter, 183 Central street, Com. merchant.  
 Sanborn, William A., 62 Curtis street, Brick mfr.  
 Sanborn, William F., 17 Benedict street, News dealer.  
 Sargent, A. Eugene, 2 Sargent avenue, Clerk.  
 Sargent, Isaac C., 8 Parker street, Garage employee.  
 Sargent, Thomas T. M., 67 Myrtle street, Architect.  
 Sawyer, Walter S., 16 Browning road, Real estate agent.  
 Schillinger, Edgar F., 152 Walnut street, Clerk.  
 Schrafft, William E., 49 Belmont street, Candy mfr.  
 Sears, Edward S., 130 College avenue, Clerk.  
 Sewall, William H., 140 Lowell street, Watchman.  
 Seward, William A., 66 Highland avenue, Railway agent.  
 Seymour, Alfred A., 10 Brook street, Salesman.  
 Shattuck, David A., 23 Brook street, Carpenter.  
 Shaw, Oscar M., 18 Everett avenue, Carpenter.  
 Shaw, William H., 92 Central street, Asst. manager.  
 Sheeran, John J., 17 Merriam street, Provision dealer.  
 Shepherd, Lester C., 224 Highland avenue, Salesman.  
 Shepley, Charles H., 45 Union square, No occupation.  
 Sheridan, Arthur H., 22 Perry street, Salesman.  
 Shiner, Alfred F., 158 Linwood street, Trader.  
 Short, Oscar W., 8 Bowdoin street, Box manufacturer.  
 Sidebottom, William, 54 Adams street, Architect.  
 Simonds, Charles F., 86 Belmont street, Mechanic.  
 Simpson, Merton P., 155 Willow ave., Furniture salesman.  
 Smith, Arthur A., 15 Summit avenue, No occupation.  
 Smith, Edward P., 32 Josephine avenue, Clerk.  
 Smith, F. Ellwood, 70 Chandler street, Agent.  
 Smith, Leslie E. A., 16 Lincoln st., Livery stable keeper.  
 Smith, R. Stanley, 72 Florence street, Conveyancer.  
 Smith, William, 37 Cherry street, Cabinet maker.  
 Snow, Herbert W., 199 Pearl street, Clerk.  
 Snow, Walter H., 42 Derby street, Ice cream dealer.  
 Snow, William A., 17 Francesca avenue, Iron worker.  
 Spaulding, James R., 57 Chandler street, Merchant.  
 Sprague, Walter A., 50 Concord avenue, Telegrapher.  
 Staples, Mendall G., 3 Pearl terrace, Teamster.  
 Stevens, Dudley L., 7 Francesca avenue, Salesman.  
 Stevens, Oliver A., 20 Putnam street, Engineer.  
 Stevens, Walter L., 5 Kenwood street, Dentist.  
 Stodder, George F., 20 Stickney avenue, Fish dealer.  
 Sullivan, Cornelius, 12 Perry street, Brass moulder.  
 Swain, Noah R., 17 Hathorn street, Gardener.  
 Sweeney, John J., 216-A Somerville avenue, Grocer.

**T**

Taapken, John R., 227 Holland street, Grocery clerk.  
Tattan, Michael H., 458 Somerville avenue, Grocer.  
Taylor, Alvin, 48 Gilman street, Plumber.  
Taylor, John H., 29 Farragut avenue, Conductor.  
Teele, Warren L., 33 Curtis street, Salesman.  
Thiery, William O., 34 Central street, Salesman.  
Thomas, Joseph M., 23 Stickney avenue, Produce dealer.  
Thomas, Penrose F., 9 Hudson street, Salesman.  
Thompson, Charles W., 27 Lake street, Music dealer.  
Thompson, William J., 19 Shawmut street, Merchant.  
Thomson, Emerson, 10 Pinckney street, Station agent.  
Thurgood, Augustus, 42 Hudson st., Wall paper dealer.  
Tibbetts, Harris P., 33 Bradley street, Carpenter.  
Tinckner, George R., 21 Oak street, Cook.  
Titus, Anson M., 10 Raymond avenue, Bookkeeper.  
Tobin, John J., 373 Somerville avenue, Shoe dealer.  
Tomföhrde, Richard, 216 Highland ave., Restaurant kpr.  
Toppan, Arthur W., 209 Highland ave., Gas engine dealer.  
Torrens, William L., 255 Broadway, Wood turner.  
Tracy, Albert A., 49 Banks street, Manager.  
Trauschke, Henry H., 78 Fremont street, Clerk.  
Tribble, Hiram, 50 Chandler street, Salesman.  
Tripp, William A., 8 Pearl terrace, Shipper.  
True, Harry A., 120 College ave., Investments manager.  
Tucket, Charles R., 104 Bartlett street, Inspector.  
Turner, Walter F., 15 Highland road, Trav. salesman.

**U**

Ulm, Albert A., 59 Preston road, Printer.  
Upton, Samuel, 102 Glenwood road, Foreman.

**V**

Valentine, Paul R., 2 Bolton street, Clerk.  
Van Buren, John D., 45 Tufts street, Carriage painter.  
Van Buskirk, Charles, 20 Prescott street, Wheelwright.  
Varney, Charles A., 408 Highland avenue, Tele. inspector.  
Viall, John B., 4 Webster street, No occupation.  
Vinal, Arthur P., 36 Walnut street, Lumber dealer.  
Vroom, Hallett R., 26 Clark street, Teamster.

**W**

Wade, Howard, 24 Cedar street, Coal salesman.  
Wadleigh, William Y., 65 Boston st., Wholesale grocer.  
Waldron, George W., 28 Dartmouth st., Produce dealer.  
Walker, George, 26 Wallace street, Salesman.  
Walker, Granville A., 9 Loring street, Painter.  
Walker, Thomas G., 5 Dell street, Foreman.  
Wanless, David, 534 Medford street, Salesman.  
Waters, Morgan, 11 Sanborn avenue, Assistant supt.  
Watters, James, 41 Mystic avenue, Clerk.  
Watters, Robert D., 16 Ames street, Superintendent.  
Watts, John C., 28 Tower street, Waiter.

Webber, Edward O., 77 Partridge avenue, Janitor.  
 Wellington, J. Frank, 23 Summit avenue, Coal dealer.  
 Wentworth, Frank H., 61 Dartmouth street, Salesman.  
 Wentworth, Ransom D., 69 Glen street, Stable keeper.  
 West, Edward B., 42 Preston road, Hay dealer.  
 Weston, Howard H., 50 Jaques street, Milk dealer.  
 Wheeler, Homer C., 16 Kidder avenue, Receiving clerk.  
 Whitaker, George E., 75 Walnut street, Publisher.  
 Whitcomb, Seth H., 59 Summer street, Nurse.  
 White, Christopher J., 86 Prospect street, Laborer.  
 White, Frank H., 14 Montgomery ave., Map mounter.  
 Whiting, George, 61 Mt. Vernon st., Milk contractor.  
 Whiting, James G., 61 Mt. Vernon st., Milk contractor.  
 Whitney, James F., 40 Dartmouth street, No occupation.  
 Whiton, Erastus, 12 Aldrich street, Clerk.  
 Whiton, George F., 20 Otis street, No occupation.  
 Wiggin, Walter S., 74 Walnut street, Salesman.  
 Wild, B. Frank, 136 Highland avenue, Coal dealer.  
 Wiley, Isaiah H., 22 Pearl street, Paint and oil dealer.  
 Williams, Charles H., 45 Lexington avenue, Carpenter.  
 Williston, Belvin T., 3 Monmouth street, Mech. engineer.  
 Willoughby, George T., 111 Central street, Builder.  
 Withington, Henry A., 189 Summer st., Cotton converter.  
 Wood, Charles, 25 Columbus avenue, Locksmith.  
 Wood, George A., 40 Laurel street, Hardware dealer.  
 Wood, Herbert W., 75 Wallace street, Shell comb maker.  
 Wood, James, 40 Tower street, Locksmith.  
 Woodbury, Frederick A., 240-A School st., Shoe dealer.  
 Woodley, Edward W., 10 Clarendon avenue, Printer.  
 Woods, George H., 334 Broadway, Insurance agent.  
 Wright, John Edward, 73 Beacon street, Electrician.  
 Wright, Walter H., 54 Vinal avenue, Manufacturer.  
 Wyer, James C., 45 Pearl street, Engineer.  
 Wyman, Charles B., 67 Thurston st., Restaurant keeper.

### Y

York, Ernest A., 10 Thorndike street, Driver.  
 Younker, Richard E., 9 Rossmore street, Wheelwright.

### Z

Zoeller, Fritz R., 26 Gibbens street, Clerk.

CHARLES P. LINCOLN, Chairman,  
 CHARLES E. PARKS,  
 EDWIN D. SIBLEY,  
 FREDERIC W. COOK,  
 Board of Registrars of Voters.

# CITY GOVERNMENT AND OFFICERS FOR 1908.

## Mayor.

CHARLES A. GRIMMONS,  
72 Thurston street.

## Board of Aldermen.

*President* — LEONARD W. COLE.

*Vice-President* — CHARLES A. BURNS.

### WARD ONE.

GEORGE A. LORD, Alderman-at-large	4 Pearl street.
JOHN DIGGINS	18 Morton street.
JAMES D. HAYDEN	77 Pearl street.

### WARD TWO.

DAVID BERGLIND, Alderman-at-large	53 Dickinson street.
JOSEPH A. HALEY	7 Linden street.
PHILIP KOEN	97 Concord avenue.

### WARD THREE.

LEONARD W. COLE, Alderman-at-large	5 Homer square.
CLARENCE A. SMITH	25 Munroe street.
WILLIAM E. COPITHORNE	81 School street.

### WARD FOUR.

GEORGE W. HARVEY, Alderman-at-large	8 Chester avenue.
AMOS W. SHEPARD	191 Broadway.
RAY R. RIDEOUT	10 Stickney avenue.

### WARD FIVE.

J. FRANK MIXER, Alderman-at-large,	119 Central street.
CHARLES A. BURNS	27 Thurston street.
ALPHONSO A. WYMAN,	35 Bartlett street.

### WARD SIX.

RICHARD Y. GOOD, Alderman-at-large,	30 Brastow avenue.
CHARLES W. ELDRIDGE	109 Rogers avenue.
EDGAR A. SMITH	45 Cedar street.

### WARD SEVEN.

EDWARD H. KINGMAN, Alderman-at-large	14 Kenwood street.
ROBERT M. LAVENDER	20 Westminster street.
JESSE E. PERRY	80 College avenue.

*City Clerk* — FREDERIC W. COOK.

*Assistant City Clerk* — HOWARD E. WEMYSS.

Regular meetings, second and fourth Thursday evenings of each month, at 8 o'clock.



**Standing Committees of the Board of Aldermen.**

ACCOUNTS. — Aldermen Good, Rideout and Perry.

BONDS. — Aldermen Berglind, Wyman and Lavender.

CITY ENGINEERING. — Aldermen Haley, Smith (Ward 3) and Kingman.

CLAIMS. — The President, Aldermen Smith (Ward 6) and Wyman.

ELECTIONS. — Aldermen Mixer, Shepard and Good.

ELECTRIC LINES AND LIGHTS. — Aldermen Harvey, Berglind, Lavender, Copithorne and Smith (Ward 6).

FINANCE. — The President, Aldermen Burns, Berglind, Kingman, Lord, Harvey and Eldridge.

FIRE DEPARTMENT. — Aldermen Burns, Eldridge, Haley, Hayden and Perry.

GRADE CROSSINGS. — Aldermen Koen, Wyman, Rideout, Diggins and Perry.

HIGHWAYS. — Aldermen Smith (Ward 3), Koen, Mixer, Shepard, Good, Lavender and Diggins.

LEGISLATIVE MATTERS. — The President, Aldermen Burns and Diggins.

LICENSES. — Aldermen Kingman, Eldridge and Copithorne.

ORDINANCES AND RULES. — Aldermen Mixer, Koen, and Shepard.

POLICE. — The President, Aldermen Berglind and Hayden.

PRINTING. — Aldermen Burns, Smith (Ward 3) and Rideout.

PUBLIC GROUNDS. — Aldermen Eldridge, Haley, Smith (Ward 3), Hayden and Kingman.

PUBLIC PROPERTY. — Aldermen Shepard, Mixer, Lord, Haley and Smith (Ward 6).

SEWERS. — Aldermen Lord, Rideout and Diggins.

SPECIAL BUILDING PERMITS. — Aldermen Lavender, Hayden and Wyman.

STATE AID AND SOLDIERS' RELIEF. — Aldermen Good, Koen and Harvey.

WATER. — Aldermen Lord, Harvey and Copithorne.

**School Committee.**

*Chairman.* — FREDERICK A. P. FISKE.

*Vice-Chairman.* — HENRY H. FOLSOM.

(Term, two years, except members ex-officiis.)

CHARLES A. GRIMMONS, Mayor (ex-officio), 72 Thurston street.

LEONARD W. COLE, Pres. Board of Aldermen (ex-officio), 5 Homer square.

**WARD ONE.**

HENRY F. CURTIS (elected 1907), 145 Perkins street.

ELMER H. SPAULDING (elected 1906), 44 Tufts street.

**WARD TWO.**

DANIEL H. BRADLEY (elected 1907), 19 Concord avenue.

THOMAS M. CLANCY (elected 1906), 52 Springfield street.

**WARD THREE.**

GEORGE E. WHITAKER (elected 1907), 75 Walnut street.

WILBUR S. CLARKE (elected 1906), 40 Vinal avenue.

## WARD FOUR.

CHARLES A. KIRKPATRICK, Jr. (elected 1907), 27 Sewall street.  
 GEORGE W. FOSTER (elected 1906), 7 Evergreen avenue.

## WARD FIVE.

HENRY H. FOLSOM (elected 1907), 103 Central street.  
 J. WALTER SANBORN (elected 1906), 183 Central street.

## WARD SIX.

FREDERICK A. P. FISKE (elected 1907), 44 Cherry street.  
 LEON M. CONWELL (elected 1906), 1 Harvard place.

## WARD SEVEN.

GEORGE C. MAHONEY (elected 1907), 97 College avenue.  
 HENRIETTA B. H. ATTWOOD (elected 1906), 12 Park avenue.

*Superintendent and Secretary.* — GORDON A. SOUTHWORTH  
 (resigned September 1).

CHARLES S. CLARK (from September 1).

Office, City Hall Annex.

Hours: 8 A. M. to 5 P. M., except Saturdays;  
 Saturdays, 8 to 10 A. M.

Regular meetings, last Monday evening of each month, except July and August, when none are held, and December, when meetings are on the third and fourth Fridays.

**Assessors.**

(Term, three years.)

GEORGE W. PERKINS, Chairman, (term expires 1910).

NATHAN H. REED (term expires 1909).

GEORGE E. ELLIOTT (term expires 1911).

WINSOR L. SNOW (term expires 1909).

WILLIAM A. FLAHERTY (term expires 1911).

**ASSISTANT ASSESSORS.**

(Term, one year.)

FRED B. CLAPP.

JOHN FRANKLIN STACKPOLE.

JOHN J. SHEERAN.

JAMES WILSON.

HARVEY E. FROST.

JAMES A. BUTLER.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

**Board of Health.**

(Term, two members, two years; one member, one year).

ALLEN F. CARPENTER, Chairman (term expires 1910).

ZEBEDEE E. CLIFF (term expires 1909).

WESLEY T. LEE, M. D. (term expires 1909).

*Clerk.* — WILLIAM P. MITCHELL.

*Agent.* — CALEB A. PAGE.

*Medical Inspector* — FRANK L. MORSE, M. D.

*Superintendent Collection of Ashes and Offal.* — EDGAR T. MAYHEW.

*Inspector of Animals and Provisions.* — CHARLES M. BERRY.

*Inspector of Milk and Vinegar.* — JULIUS E. RICHARDSON.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

**Overseers of the Poor.**

Office, City Hall Annex.

(Term, three years.)

EDWARD B. WEST, Chairman (term expires 1911).

ALBERT W. EDMANDS (term expires 1911).

HERBERT E. MERRILL (term expires 1910).

*Agent.* — CHARLES C. FOLSOM.*Secretary.* — CORA F. LEWIS.

Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

**Registrars of Voters.**

(Term, three years.)

CHARLES P. LINCOLN, Chairman (term expires 1910).

CHARLES E. PARKS (term expires 1911).

EDWIN D. SIBLEY (term expires 1909).

FREDERIC W. COOK, City Clerk (term expires 1911 )

**Public Library Trustees.**

(Term, three years.)

EDWARD C. BOOTH, Chairman (term expires 1910).

JOHN B. VIALI (term expires 1911).

J. FRANK WELLINGTON (term expires 1911).

IRVING G. HALL (term expires 1909).

HOWARD D. MOORE (term expires 1909).

FREDERICK W. PARKER (term expires 1909).

THOMAS M. DURELL (term expires 1910).

WILLIAM L. BARBER (term expires 1910).

CHARLES L. NOYES (term expires 1911).

*Librarian and Secretary.* — SAM WALTER FOSS.

Library open 9 A. M. to 9 P. M., and the reading room Sundays 2 to 6 P. M.

**City Clerk.**

FREDERIC W. COOK.

*Assistant City Clerk.* — HOWARD E. WEMYSS.

Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

**City Treasurer and Collector of Taxes.**

JOSEPH S. PIKE.

Office open : 8 A. M. to 2 P. M. ; Saturdays, 8 A. M. to 12 M.

**City Messenger.**

JAIRUS MANN.

**Mayor's Secretary.**

FRED E. WARREN.

**City Solicitor.**

FRANK W. KAAAN,  
50 State street, Boston.

**City Auditor.**

CHARLES S. ROBERTSON (resigned April 30, 1908).  
CLARENCE T. BRUCE (elected April 30, 1908).

**City Engineer.**

ERNEST W. BAILEY.  
Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

**Commissioner of Streets.**

ASA B. PRICHARD.  
Office hour : 9.30 to 10 A. M.

**Commissioner of Public Buildings and Inspector of Buildings.**

WALTER T. LITTLEFIELD.  
Office open : 8 A. M. to 4 P. M., Saturdays, 8 A. M. to 12 M.

**Commissioner of Electric Lines and Lights.**

MELVIN F. UNDERWOOD.  
Office hour : 9 to 9.30 A. M.

**Water Commissioner.**

FRANK E. MERRILL.  
Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

**Clerk of Committees and Departments.**

WILLIAM P. MITCHELL.  
Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

**Chief of Police.**

MELVILLE C. PARKHURST (retired October 31, 1908).  
Acting Chief of Police, CAPTAIN ROBERT R. PERRY.  
Office, Police Building, Bow street.

**Chief Engineer of the Fire Department,**

JAMES R. HOPKINS.  
Office, Central Fire Station, 261 Medford street.

**City Physician.**

C. CLARK TOWLE, M. D.  
24 Prospect Hill avenue.



**Inspector of Plumbing.**

DUNCAN C. GREENE.

Office hour : 8 to 9 A. M.

**Inspector of Milk and Vinegar.**JULIUS E. RICHARDSON,  
310 Broadway.**Inspector of Trees.**

CHARLES I. BUCKNAM (resigned October 20, 1908).

**Inspector of Animals and Provisions.**CHARLES M. BERRY,  
60 Prescott street.**Inspector of Petroleum.**

JAMES R. HOPKINS.

Office, Central Fire Station, 261 Medford street.

**Sealer of Weights and Measures.**JOHN H. DUSSEAUTL,  
Deputy Sealer, BENJAMIN S. ABBOTT.  
Office, City Hall Annex.Office open : November 1 to March 31, inclusive, 9 A. M. to 12 M. ; April 1 to  
October 31, inclusive, 9 A. M. to 12 M., Fridays and Saturdays only.**Fence Viewers.**LAMBERT M. MAYNARD,  
90 Highland avenue.  
CHARLES M. BERRY,  
60 Prescott street.**Burial Agent.**

UNDER REVISED LAWS, CHAPTER 79, SECTION 20.

JOHN H. DUSSEAUTL,  
42 Sargent avenue.**Constables.**GEORGE H. CARLETON.  
EUGENE A. CARTER.  
WINSLOW W. COFFIN.  
THOMAS DAMERY.  
CHARLES L. ELLIS.  
CHARLES C. FOLSOM.  
PATRICK J. GARVIN.  
ARTHUR L. GILMAN.WILLIAM D. HAYDEN.  
FRANKLIN W. HOPKINS.  
DENNIS KELLEY.  
JAIRUS MANN.  
CHARLES B. PALMER.  
MELVILLE C. PARKHURST.  
ROBERT R. PERRY.  
MALCOLM E. STURTEVANT.

CHARLES E. WOODMAN.

**Measurers of Wood and Bark.**WILLIAM B. HOLMES,  
317 Broadway.OSCAR A. DYKENS,  
34 Chestnut street.WILLIAM J. GOODWIN,  
8 Holland street.

**Measurer of Grain.**

EVERETT C. EMERY.

**Public Weigher in Charge of City Scales at City Ledge.**

WILLIAM H. WHITCOMB.

**Weighers of Coal.**

DANIEL F. ASH.  
 JOHN F. AYLWARD.  
 ALBERT E. BAKER.  
 EDGAR H. BARKER.  
 ELMER E. BEACHAM.  
 JOHN L. BLAKE.  
 ANGUS W. CAMPBELL.  
 ALFRED B. CLARK.  
 CORNELIUS COAKLEY.  
 HARRY A. CRAWFORD.  
 ELLSWORTH CULLEN.  
 WILLIAM G. CUMMINGS.  
 HOWARD H. DAVENPORT.  
 CHARLES F. DOHERTY.  
 THOMAS A. DUNLAP.  
 AMHERST F. DURKEE.  
 OSCAR A. DYKENS.  
 EVERETT C. EMERY.  
 FRED L. ESTEY.  
 JOHN F. FLYNN.  
 CHARLES T. GARLAND.  
 WILLIAM E. GERRISH.  
 WILLIAM G. GOODWIN.  
 GEORGE F. GROGAN.  
 ALBERT F. HACKETT.  
 ADALA C. HIGGINS.  
 WILLIAM F. HOULAHAN.  
 SYLVANUS R. KNEELAND, Jr.

SUSIE MAGEE.  
 GEORGE H. MARSH.  
 JOHN A. MARSH.  
 JOHN MCKENNA.  
 FRANK T. MCMAHON.  
 JOHN J. MCMAHON.  
 PHILIP C. MCMAHON.  
 GEORGE H. MOORE.  
 FRANK J. OBERLE.  
 JOHN J. O'NEILL.  
 MARK W. PATTEN.  
 LOTTIE L. RICE.  
 OBADIAH E. RING.  
 AVERY U. ROCKWOOD.  
 JOHN J. RYAN.  
 MICHAEL J. SHEA.  
 ABRAM SIMON.  
 WILLIAM C. STICKLE.  
 ORRIN S. TARR.  
 FRANK A. TEELE.  
 WILLIAM J. THOMPSON.  
 JOHN P. TULLY.  
 ALFRED A. WALDRON.  
 ELIZABETH M. L. WALLACE.  
 THOMAS WALSH.  
 CHARLES H. WARD.  
 JOHN H. WOODMAN.  
 LUCIEN L. WOODMAN.

**Weighers of Beef.**

ALBERT E. BAKER.  
 OLIVER S. BRYANT.  
 CARL BURROWS.  
 GEORGE M. CHISHOLM.  
 WILLIAM J. DOONER.  
 ALFRED G. DYMOND.  
 FREDERICK A. GEILING.  
 FRED HARRIS.  
 GEORGE L. HORTON.  
 ARTHUR F. MASON.

REUBEN W. MEAD.  
 JOSEPH MURPHY.  
 THOMAS S. PARKER.  
 HERBERT D. REED.  
 WILLIAM B. SARGENT.  
 WALTER SAVAGE.  
 ROBERT E. SMITH.  
 WALTER M. TOWER.  
 JOSEPH F. TYTER.  
 TOBIAS YAVNER.

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